

Distribution Boards



17.1/1	ALPHA SIMBOX small distribution boards
17.2/1	ALPHA 160 distribution boards
17.3/1	ALPHA 400 distribution boards
17.4/1	ALPHA 630 distribution boards
17.5/1	ALPHA AS distribution boards

NEW

Direct reference to the products in the Industry Mall from the selection and ordering data tables:

Article No.

[www.siemens.com/
product?ArticleNo.](http://www.siemens.com/product?ArticleNo.)

Article No.

3KD2832-0NE10-0

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Distribution Boards

Notes

ALPHA SIMBOX Small Distribution Boards

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17.1/2 Introduction

**SIMBOX XL
 small distribution boards**

Flush-mounting and hollow-wall
 distribution boards

17.1/4 Introduction

17.1/6 Versions

17.1/7 Project supply **NEW**

17.1/8 Accessories

Surface-mounting distribution
 boards, IP30

17.1/9 Introduction

17.1/11 Surface-mounting distribution boards

17.1/12 Accessories

**SIMBOX WP
 small distribution boards**

Surface-mounting distribution
 boards, IP65

17.1/13 Introduction

17.1/14 Surface-mounting distribution boards

17.1/15 Accessories

17.1/16 Dimensional drawings

**For further technical
 product information:**

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 support](http://www.siemens.com/lowvoltage/product-support)






→ Product List:
 Technical specifications

→ Entry List:
 Certificates / Characteristics /
 Download / FAQ / Manuals /
 Updates

ALPHA SIMBOX Small Distribution Boards

Introduction

Overview

	Devices	Page	Surface-mounting distribution boards	Flush-mounting distribution boards	Rated current	Cubicle depth	Safety class		
							A	mm	1
	ALPHA SIMBOX small distribution boards	<u>SIMBOX XL small distribution boards:</u>							
		• Flush-mounting and hollow-wall distribution boards	17.1/6	--	✓	63	88 ¹⁾	--	✓
		• Surface-mounting distribution boards, IP30	17.1/9	✓	--	63	99	--	✓
		<u>SIMBOX WP small distribution boards:</u>							
		• Surface-mounting distribution boards, IP65	17.1/14	✓	--	63	100/140/160	--	✓
	ALPHA 160 DIN technology distribution boards	Cubicle, partially equipped	17.2/6	✓	✓	160	140	--	✓
		Unequipped distribution board	17.2/6	✓	✓	160	140	--	✓
	ALPHA 400 DIN technology distribution boards	Unequipped distribution board, flat pack	17.3/9	✓	--	400	210	✓	✓
		Unequipped distribution board, pre-assembled	17.3/10	✓	✓	400	210	✓	✓
	ALPHA 630 DIN technology distribution boards	Unequipped distribution board, flat pack	17.4/7	✓	--	630	210	✓	✓
		Unequipped distribution board, pre-assembled	17.4/7	✓	--	630	210/250/320	✓	✓
		Unequipped distribution board, pre-assembled, with open side panels	17.4/8	✓	--	630	250/320	✓	--
	ALPHA AS DIN technology distribution boards	Unequipped distribution board, pre-assembled	17.5/7	✓	--	1250	400	✓	--

¹⁾ Mounting depth

Degree of protection	VDE	EN	DIN	IEC
IP30	DIN VDE 0603	--	DIN 43871	IEC 61439-1/-3
IP65	DIN VDE 0603-1, VDE 0660-500/-504	EN 61439-1/-3	DIN 43871	IEC 60439-1/-3
IP31 / IP43 / IP44	VDE 0660-600-1/-3	EN 61439-1/-3	--	IEC 61439-1/-3
IP43	VDE 0660-600-1/-2/-3	EN 61439-1/-2/-3	--	IEC 61439-1/-2/-3
IP31 / IP43 / IP55				
IP43	VDE 0660-600-1/-2	EN 61439-1/-2	--	IEC 61439-1/-2
IP43 / IP55				
IP55				
IP55	VDE 0660-600-1/-2	EN 61439-1/-2	--	Type verification according to IEC 61439-1/-2

ALPHA SIMBOX Small Distribution Boards

SIMBOX XL Small Distribution Boards

Flush-Mounting and Hollow-Wall Distribution Boards

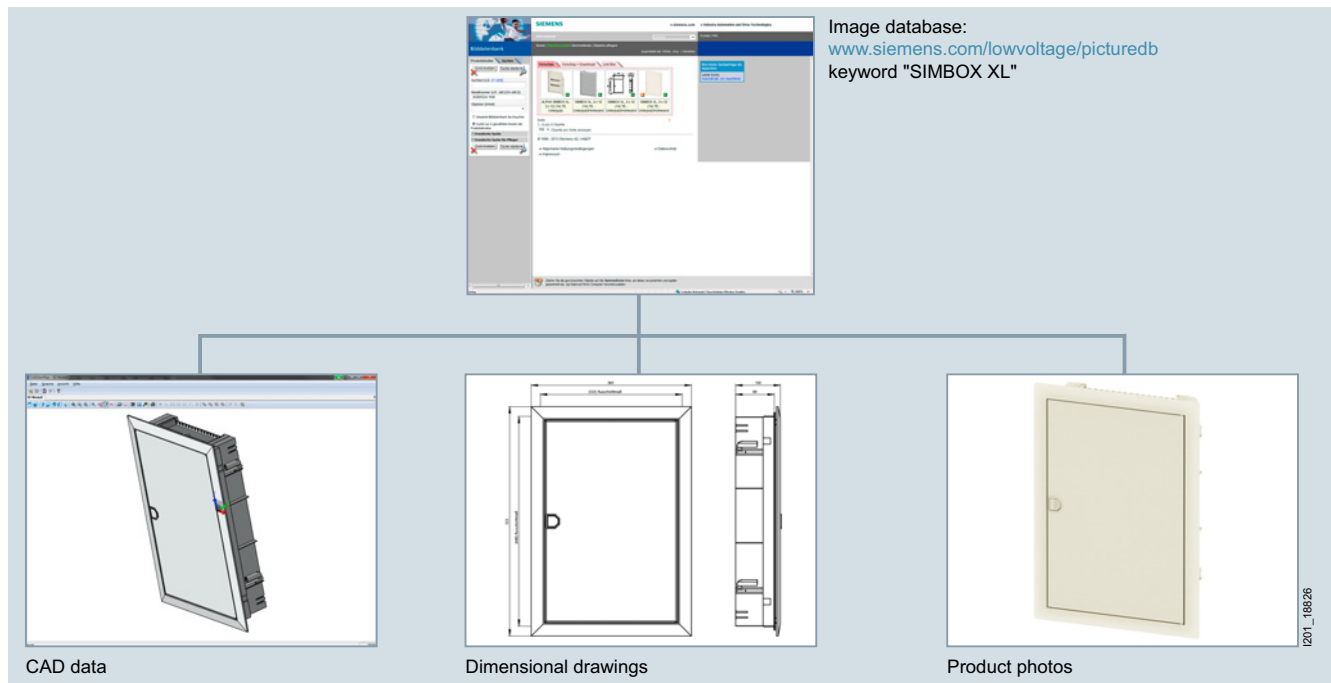
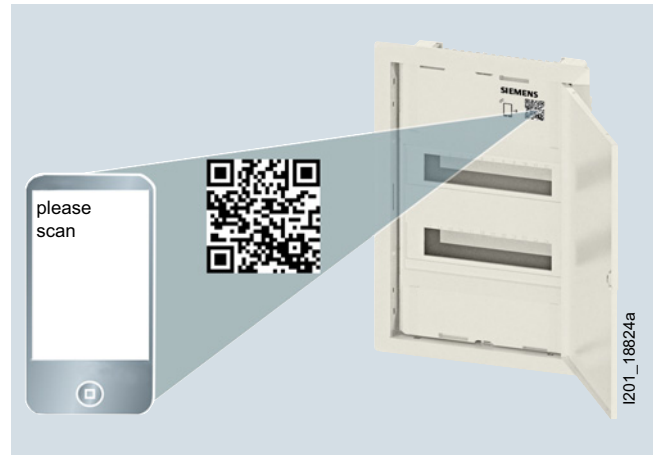
Introduction

Overview

The new generation of Siemens small distribution boards is designed for maximum utilization of space, even in extremely confined conditions.

Raised front covers, enlarged terminal compartments and integrated cable routing aids enable easy wiring. With a compact mounting depth of just 88 mm these distribution boards fit in the narrowest of hollow walls.

To round off the package there is a comprehensive offering of accessories which are compatible with the surface-mounting distribution board (terminals, covering strips, door locks).



Benefits

- Ample wiring space
- Raised front cover
- Sealable front cover
- Integrated water-level
- Marking aid on the wall-recessed box
- Small mounting depth of just 88 mm
- Each tier can be expanded by 2 MW
- Hollow-wall distribution board also suitable for flush-mounting

ALPHA SIMBOX Small Distribution Boards

SIMBOX XL Small Distribution Boards

Flush-Mounting and Hollow-Wall Distribution Boards

Introduction

Application

ALPHA SIMBOX small distribution boards are suitable as sub-distribution boards or floor panel boards for all applications in electrical building installations. Thanks to their compact mounting depth, they can be installed close to the respective load center in residential and non-residential buildings, as well as in schools, commercial buildings and shops.

Design

- Available in sizes with 1-4 tiers
- Door and frame are made of elegant metal components
- Small mounting depth of just 88 mm is ideal for hollow-wall installations
- Strain relief possibilities are provided at the top and bottom of the distribution board
- Knockouts enable cable entry from all four sides of the distribution board
- Integrated cable routing aids in the wall-recessed box
- Space-saving slots for RCCB terminals are available in addition to terminal strips

Technical specifications

Rated current in A	Up to 63
Rated voltage in V AC	400
Degree of protection	IP30
Safety class	2 (total insulation)
Color	Pure white RAL 9010
Mounting rail spacing in mm	125
Standards	EN 61439-1/3 DIN VDE 0603-1 DIN 43871
Mounting depth in mm	88
Impact strength	IK 05

ALPHA SIMBOX Small Distribution Boards

SIMBOX XL Small Distribution Boards

Flush-Mounting and Hollow-Wall Distribution Boards

Versions

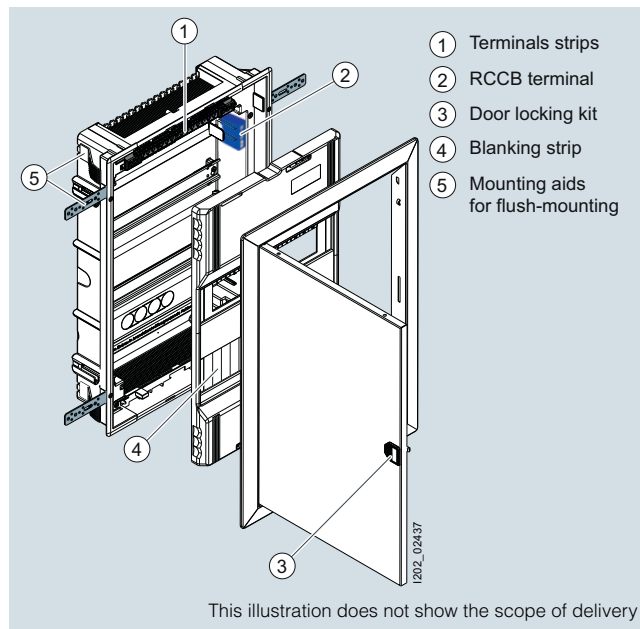
Overview

Features



- Color: pure white RAL 9010
- Each tier can be expanded by 2 MW to a maximum of 14 MW
- Small mounting depth of 88 mm
- All distribution boards are pre-configured with terminal strips featuring user-friendly plug-in terminals

Mounting

- Distribution boards of size 2 and larger are pre-configured for the installation of two RCCB circuits
- Upgrading of the distribution boards with space-saving RCCB terminals is also possible
- Hollow-wall distribution boards can also be used as flush-mounting distribution boards



Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Flush-mounting distribution boards							
• Pre-equipped with terminal strips							
 8GB5012-1KM	Type	Recess dimensions L × W × D in mm	Tiers × MW	Equipping options Terminal strips Number × type			
	1-tier	393 × 359 × 88	1 × 12	1 × 8GB5016-5KM --	8GB5012-1KM	1	1 unit 032 2.589
	2-tier	518 × 359 × 88	2 × 12	1 × 8GB5016-5KM 1 × 8GB5005-5KM	8GB5024-1KM	1	1 unit 032 3.447
	3-tier	643 × 359 × 88	3 × 12	1 × 8GB5017-5KM 1 × 8GB5021-5KM	8GB5036-1KM	1	1 unit 032 4.159
	4-tier	768 × 359 × 88	4 × 12	1 × 8GB5017-5KM 1 × 8GB5021-5KM	8GB5048-1KM	1	1 unit 032 5.016
Hollow-wall distribution boards							
Including accessories for hollow-wall mounting							
• Pre-equipped with terminal strips							
• Accessories for hollow-wall mounting included							
• 850 °C lamp wire resistance							
 8GB5024-4KM	Type	Cutout dimensions L × W × D in mm	Tiers × MW	Equipping options Terminal strips Number × type			
	1-tier	355 × 323 × 88	1 × 12	1 × 8GB5016-5KM --	8GB5012-4KM	1	1 unit 032 2.640
	2-tier	480 × 323 × 88	2 × 12	1 × 8GB5016-5KM 1 × 8GB5005-5KM	8GB5024-4KM	1	1 unit 032 3.426
	3-tier	605 × 323 × 88	3 × 12	1 × 8GB5017-5KM 1 × 8GB5021-5KM	8GB5036-4KM	1	1 unit 032 4.245
	4-tier	730 × 323 × 88	4 × 12	1 × 8GB5017-5KM 1 × 8GB5021-5KM	8GB5048-4KM	1	1 unit 032 4.968

ALPHA SIMBOX Small Distribution Boards

SIMBOX XL Small Distribution Boards

Flush-Mounting and Hollow-Wall Distribution Boards

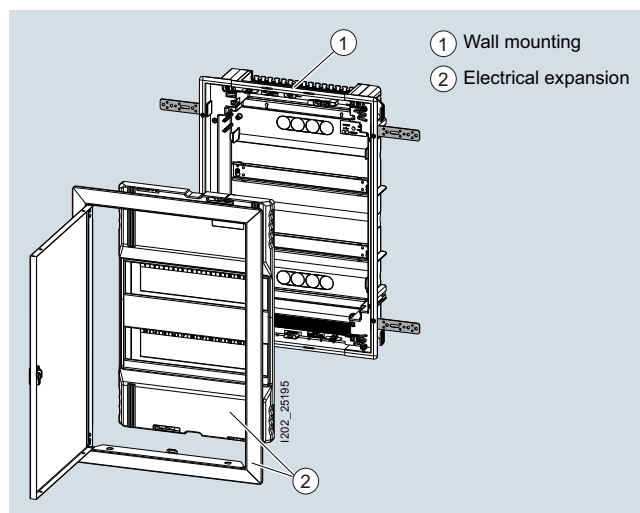
NEW Project supply**Overview****Features**



- Color: pure white RAL 9010
- Each tier can be expanded by 2 MW to a maximum of 14 MW
- Small mounting depth of 88 mm
- All distribution boards are pre-configured with terminal strips featuring user-friendly plug-in terminals
- Distribution boards of size 2 and larger are pre-configured for the installation of two RCCB circuits
- Upgrading of the distribution boards with space-saving RCCB terminals is also possible

Distribution boards are supplied in two design versions:

- ① Wall-recessed box (wall mounting):
 - Flush mounting version with cover
 - Hollow-wall box with mounting set
- ② Expansion package (electrical expansion)
 - Flush mounting cover including standard mounting rail and door kit
 - Hollow wall cover including standard mounting rail and door kit

Order individually according to project progress, starting with the enclosure bases and then the device protection covers and the door kit.

**Selection and ordering data**

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Flush-mounting distribution boards							
• Pre-equipped with terminal strips							
	Type/ MW	Recess dimensions L x W x D in mm	Terminal strip equipping Number x type	Versions			
8GB5212-1KM01	1-tier/ 1 x 12	393 x 359 x 88	1 x 8GB5016-5KM --	① Wall-recessed box ② Expansion package ¹⁾	8GB5212-1KM01	1 12 units	032 0.762
	2-tier/ 2 x 12	518 x 359 x 88	1 x 8GB5016-5KM 1 x 8GB5005-5KM	① Wall-recessed box ② Expansion package ¹⁾	8GB5224-1KM01 8GB5224-3KM01	1 12 units 1 12 units	032 1.046 032 2.184
	3-tier/ 3 x 12	643 x 359 x 88	1 x 8GB5017-5KM 1 x 8GB5021-5KM	① Wall-recessed box ② Expansion package ¹⁾	8GB5236-1KM01 8GB5236-3KM01	1 24 units 1 12 units	032 1.284 032 2.595
	4-tier/ 4 x 12	768 x 359 x 88	1 x 8GB5017-5KM 1 x 8GB5021-5KM	① Wall-recessed box ② Expansion package ¹⁾	8GB5248-1KM01 8GB5248-3KM01	1 24 units 1 12 units	032 1.560 032 3.058
	Note	Prices apply to each unit. One package contains 12 or 24 units depending on the product.					
Hollow-wall distribution boards							
Including accessories for hollow-wall mounting							
• Pre-equipped with terminal strips							
• Accessories for hollow-wall mounting included							
• 850 °C lamp wire resistance							
	Type/ MW	Recess dimensions L x W x D in mm	Terminal strip equipping Number x type	Versions			
8GB5212-2KM01	1-tier/ 1 x 12	355 x 323 x 88	1 x 8GB5016-5KM --	① Wall-recessed box ② Expansion package ¹⁾	8GB5212-2KM01 8GB5212-4KM01	1 12 units 1 12 units	032 0.839 032 0.641
	2-tier/ 2 x 12	480 x 323 x 88	1 x 8GB5016-5KM 1 x 8GB5005-5KM	① Wall-recessed box ② Expansion package ¹⁾	8GB5224-2KM01 8GB5224-4KM01	1 12 units 1 12 units	032 0.001 032 2.080
	3-tier/ 3 x 12	605 x 323 x 88	1 x 8GB5017-5KM 1 x 8GB5021-5KM	① Wall-recessed box ② Expansion package ¹⁾	8GB5236-2KM01 8GB5236-4KM01	1 24 units 1 12 units	032 1.331 032 2.608
	4-tier/ 4 x 12	730 x 323 x 88	1 x 8GB5017-5KM 1 x 8GB5021-5KM	① Wall-recessed box ② Expansion package ¹⁾	8GB5248-2KM01 8GB5248-4KM01	1 24 units 1 12 units	032 1.597 032 3.079
	Note	Prices apply to each unit. One package contains 12 or 24 units depending on the product.					

¹⁾ Consisting of standard mounting rail, door and frame.






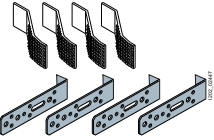
ALPHA SIMBOX Small Distribution Boards

SIMBOX XL Small Distribution Boards

Flush-Mounting and Hollow-Wall Distribution Boards

Accessories

Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx.	
kg								
 8GB5016-5KM	① Terminal strips with plug-in terminals Number of slots per distribution board: • 1 to 2-tier: 2 units • 3 to 4-tier: 3 units							
	Type	Potential 1	Potential 2					
	N/PE	N = 3×25 + 14×4 mm ²	PE = 3×25 + 14×14 mm ²	8GB5016-5KM	1	1 unit	032	0.117
	N/N	N ₁ = 3×25 + 14×4 mm ²	N ₂ = 3×25 + 14×14 mm ²	8GB5017-5KM	1	1 unit	032	0.116
	N	N = 6×25 + 28×4 mm ²		8GB5020-5KM	1	1 unit	032	0.115
PE	PE = 6×16 + 28×4 mm ²		8GB5021-5KM	1	1 unit	032	0.116	
 8GB5015-5KM	① Terminal strips with screw terminals Number of slots per distribution board: • 1 to 2-tier: 2 units • 3 to 4-tier: 3 units							
	Type	Potential 1	Potential 2					
	N/PE	N = 3×16 + 14×10 mm ²	PE = 3×16 + 14×10 mm ²	8GB5008-5KM	1	1 unit	032	0.126
	N/N	N ₁ = 3×16 + 14×10 mm ²	N ₂ = 3×16 + 14×10 mm ²	8GB5015-5KM	1	1 unit	032	0.130
	N	N = 6×16 + 28×10 mm ²		8GB5010-5KM	1	1 unit	032	0.128
PE	PE = 6×16 + 28×10 mm ²		8GB5011-5KM	1	1 unit	032	0.129	
 8GB5005-5KM	② RCCB terminals For distributing the neutral conductor to two RCCBs N = 3×16 + 2×10 mm ²		8GB5005-5KM	1	1 unit	032	0.022	
 8GB5006-5KM	③ Door locking kits • For snapping into door handle • With two keys		8GB5006-5KM	1	1 unit	032	0.023	
 8GB4683	④ Blanking strips • 12 MW wide • Color: White • With increased flame protection up to 850°C, hence suitable for hollow-wall distribution boards		8GB4683	1	10 units	032	0.024	
 8GB5013-5KM	⑤ Mounting aid for flush mounting • Comprising four wall anchors and locking aids • Can also be used in hollow-wall distribution boards		8GB5013-5KM	1	1 set	032	0.108	

Overview

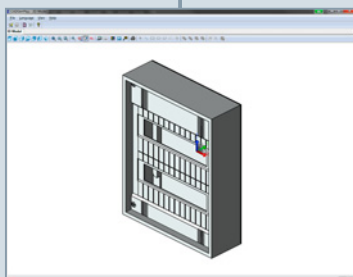
The new generation of Siemens small distribution boards is designed for maximum utilization of space, even in extremely confined conditions.

The SIMBOX XL offers ample wiring space.

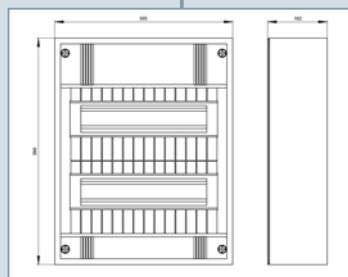
To round off the package there is a comprehensive offering of accessories which are compatible with the flush-mounting/hollow-wall distribution board (terminals, covering strips, door locks).



Image database:
www.siemens.com/lowvoltage/picturedb
keyword "SIMBOX XL"



CAD data



Dimensional drawings



Product photos

Benefits

- Knockouts enable cable entry from all four sides and the rear of the distribution board
- A comprehensive range of plastic doors is available in addition to robust sheet-steel doors
- Each tier can be expanded by 2 MW
- The accessories pack can also be used for flush-mounting and hollow-wall distribution boards

ALPHA SIMBOX Small Distribution Boards

SIMBOX XL Small Distribution Boards

IP30 Surface-Mounting Distribution Boards

Introduction

Application

Small distribution boards are suitable as sub-distribution boards or floor panel boards for all applications in electrical building installations.

Thanks to their small dimensions, they can be installed close to the respective load center in residential and non-residential buildings, as well as in schools, commercial buildings and shops.

Design

- Available in sizes with 1-4 tiers
- Strain relief possibilities are provided at the top and bottom of the distribution board
- Knockouts enable cable entry from all four sides of the distribution board
- Space-saving slots for RCCB terminals are available in addition to terminal strips
- When the gray transparent plastic doors are used, indicator lights are also visible when the door is closed
- Raised mounting rails permit user-friendly cable bushing

Technical specifications

Rated current in A	Up to 63
Rated voltage in V AC	400
Degree of protection	IP30
Safety class	2 (total insulation)
Color	Pure white RAL 9010
Mounting rail spacing in mm	125
Standards	IEC 61439 DIN VDE 0603-1 DIN 43871

ALPHA SIMBOX Small Distribution Boards

SIMBOX XL Small Distribution Boards

IP30 Surface-Mounting Distribution Boards

Surface-mounting distribution boards

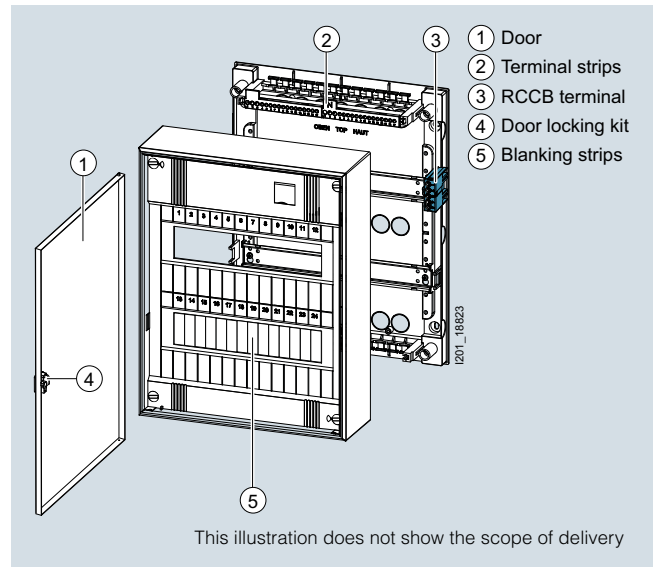
Overview

Features





- Color: pure white RAL 9010
- Each tier can be expanded by 2 MW to a maximum of 14 MW
- All distribution boards are pre-configured with terminal strips featuring service-proven screw terminals
- Comprehensive range of doors

Mounting

- Distribution boards of size 2 and larger are pre-configured for the installation of two RCCB circuits
- Upgrading of the distribution boards with RCCB terminals ③ is also possible



Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
Surface-mounting distribution boards without door							
	Type	External dimensions L x W x D in mm	Tiers x MW	Equipping options Terminal strips Number x type			
8GB5012-0KM	1-tier	250 x 305 x 99	1 x 12	1 x 8GB5008-5KM --	8GB5012-0KM	1	1 unit 032 1.129
	2-tier	375 x 305 x 99	2 x 12	1 x 8GB5008-5KM 1 x 8GB5005-5KM	8GB5024-0KM	1	1 unit 032 1.495
	3-tier	515 x 305 x 99	3 x 12	1 x 8GB5015-5KM 1 x 8GB5011-5KM	8GB5036-0KM	1	1 unit 032 1.979
	4-tier	640 x 305 x 99	4 x 12	1 x 8GB5015-5KM 1 x 8GB5011-5KM	8GB5048-0KM	1	1 unit 032 2.426
① Doors							
• Metal door, white							
	1-tier				8GB5001-5KM	1	1 unit 032 0.510
	2-tier				8GB5002-5KM	1	1 unit 032 0.766
	3-tier				8GB5003-5KM	1	1 unit 032 1.064
	4-tier				8GB5004-5KM	1	1 unit 032 1.513
8GB5001-5KM							
• Plastic door, white							
	1-tier				8GB5001-5KM01	1	1 unit 032 0.265
	2-tier				8GB5002-5KM01	1	1 unit 032 0.367
	3-tier				8GB5003-5KM01	1	1 unit 032 0.504
	4-tier				8GB5004-5KM01	1	1 unit 032 0.695
8GB5001-5KM01							
• Plastic door, transparent gray							
	1-tier				8GB5001-5KM02	1	1 unit 032 0.252
	2-tier				8GB5002-5KM02	1	1 unit 032 0.350
	3-tier				8GB5003-5KM02	1	1 unit 032 0.505
	4-tier				8GB5004-5KM02	1	1 unit 032 0.685
8GB5001-5KM02							






ALPHA SIMBOX Small Distribution Boards

SIMBOX XL Small Distribution Boards

IP30 Surface-Mounting Distribution Boards

Accessories

Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg	
 8GB5016-5KM ② Terminal strips with plug-in terminals Number of slots per distribution board: • 1 to 2-tier: 2 units • 3 to 4-tier: 3 units								
	Type	Potential 1	Potential 2					
	N/PE	N = 3×25 + 14×4 mm ²	PE = 3×25 + 14×14 mm ²	8GB5016-5KM	1	1 unit	032	0.117
	N/N	N ₁ = 3×25 + 14×4 mm ²	N ₂ = 3×25 + 14×14 mm ²	8GB5017-5KM	1	1 unit	032	0.116
	N	N = 6×25 + 28×4 mm ²		8GB5020-5KM	1	1 unit	032	0.115
PE	PE = 6×16 + 28×4 mm ²		8GB5021-5KM	1	1 unit	032	0.116	
 8GB5015-5KM ② Terminal strips with screw terminals Number of slots per distribution board: • 1 to 2-tier: 2 units • 3 to 4-tier: 3 units								
	Type	Potential 1	Potential 2					
	N/PE	N = 3×16 + 14×10 mm ²	PE = 3×16 + 14×10 mm ²	8GB5008-5KM	1	1 unit	032	0.126
	N/N	N ₁ = 3×16 + 14×10 mm ²	N ₂ = 3×16 + 14×10 mm ²	8GB5015-5KM	1	1 unit	032	0.130
	N	N = 6×16 + 28×10 mm ²		8GB5010-5KM	1	1 unit	032	0.128
PE	PE = 6×16 + 28×10 mm ²		8GB5011-5KM	1	1 unit	032	0.129	
 8GB5005-5KM ③ RCCB terminals For distributing the neutral conductor to two RCCBs N = 3×16 + 2×10 mm ²								
				8GB5005-5KM	1	1 unit	032	0.022
 8GB5006-5KM ④ Door locking kits • For snapping into door handle • With two keys								
				8GB5006-5KM	1	1 unit	032	0.023
 8GB4683 ⑤ Blanking strips • 12 MW wide • Color: White • With increased flame protection up to 850°C, hence suitable for hollow-wall distribution boards								
				8GB4683	1	10 units	032	0.024

ALPHA SIMBOX Small Distribution Boards

SIMBOX WP Small Distribution Boards

IP65 Surface-Mounting Distribution Boards

Introduction

Benefits

- Plan and configure quickly, simply and conveniently with the SIMARIS ConFiguration Basic software
- The wiring space behind the standard mounting rail is 15 mm and 48 mm, ensuring fast and easy wiring
- The door can be hinged on the right or left without tools
- Door opening angle of 180°
- The withdrawable device rack ensures easy and fast assembly. The generous wiring space and clearly arranged modular design reduce assembly times by approx. 20 %
- All plastic materials used can be recycled

Application

Due to the high degree of protection IP65, these small distribution boards can withstand harsh ambient conditions in both indoor and outdoor areas. Their resistance to dust and splashing water makes them ideal for use in a range of different application areas, such as car washes, farms, joiners' workshops, etc.

Special applications

Due to their large temperature operating range (-25°C to +60°C), UV radiation resistance and resistance to dust and splashing water, this small distribution board range is especially suitable for harsh ambient conditions.

Technical specifications

Rated current in A	Up to 63
Rated voltage in V AC	400
Rated insulation voltage acc. to IEC/EN 62208 (test values from IEC 61439-1) in AC / DC V	1000
Degree of protection	IP65
Safety class	2 (total insulation)
Color	Light gray RAL 7035
Temperature range	-20°C to + 60 °C
Impact strength	IK07
Mounting rail spacing	150 mm
Standard mounting rails	35 mm × 7.5 mm (EN 60715)
Device mounting depth	70 mm
Standards	EN 60439-3, IEC 60439-3.

ALPHA SIMBOX Small Distribution Boards

SIMBOX WP Small Distribution Boards

IP65 Surface-Mounting Distribution Boards

Surface-mounting distribution boards

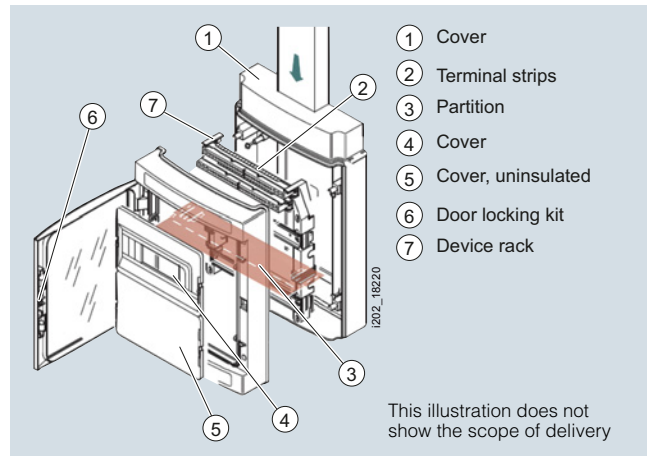
Overview

Features





- In accordance with IEC 60439-3 and EN 61439-1/3
- Degree of protection IP65
- Can be used in outdoor areas (-20 °C to +60 °C)
- Safety class 2 (total insulation)
- UV-resistant
- Transparent doors
- Color: light gray RAL 7035

Mounting instructions

- N/PE terminal strips must be ordered separately
- 1 blanking strip is provided for each tier
- For device mounting depths up to 70 mm



Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg	
Surface-mounting distribution boards								
Type	External dimensions H × W × D in mm	Tiers × MW	② Slots N/PE terminal strips ¹⁾ No. × Type					
 8GB1371-2	• 1-tier 210 × 143 × 100 210 × 215 × 100 260 × 298 × 140 285 × 410 × 140	1 × 4	--	8GB1371-0 8GB1371-1 8GB1371-2 8GB1371-3	1	1 unit	032	0.531
		1 × 8	1 × 8GB2052-0		1	1 unit	032	0.723
		1 × 12	1 × 8GB2052-1		1	1 unit	032	1.513
		1 × 18	1 × 8GB2052-2		1	1 unit	032	2.140
 8GB1372-2	• 2-tier 420 × 298 × 140 463 × 410 × 140	2 × 12	2 × 8GB2052-1	8GB1372-2 8GB1372-3	1	1 unit	032	2.352
		2 × 18	2 × 8GB2052-2		1	1 unit	032	3.746
 8GB1373-3	• 3-tier 655 × 410 × 140	3 × 18	2 × 8GB2052-2	8GB1373-3	1	1 unit	032	5.225
 8GB1374-3	• 4-tier 878 × 410 × 160	4 × 18	4 × 8GB2052-2	8GB1374-3	1	1 unit	032	8.080

¹⁾ Not included in delivery of the device.







ALPHA SIMBOX Small Distribution Boards

SIMBOX WP Small Distribution Boards

IP65 Surface-Mounting Distribution Boards

Accessories

Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	Weight per PU approx. kg
① Covers							
							
• For connection of conduit and cable duct entries • Convenient snap-on mounting on the distribution board							
MW							
• 12		8GB2051-0		1	20 units	032	0.131
• 18		8GB2051-1		1	20 units	032	0.197
8GB2051-0							
② N/PE terminal strips							
							
For snapping onto device rack							
MW							
	N						
• 8	1 × 25 mm ² + 7 × 10 mm ²	1 × 25 mm ² + 7 × 10 mm ²	8GB2052-0	1	10 units	032	0.170
• 12	3 × 25 mm ² + 10 × 10 mm ²	3 × 25 mm ² + 10 × 10 mm ²	8GB2052-1	1	10 units	032	0.270
• 18	5 × 25 mm ² + 14 × 10 mm ²	5 × 25 mm ² + 14 × 10 mm ²	8GB2052-2	1	10 units	032	0.420
8GB2052-0							
③ Inner partitions							
							
Horizontal							
MW							
• 12		8GB2053-0		1	10 units	032	0.055
• 18		8GB2053-1		1	10 units	032	0.103
8GB2053-0							
⑤ Front covers							
MW							
• 12		8GB2054-0		1	20 units	032	0.083
• 18		8GB2054-1		1	20 units	032	0.213
8GB2054-0							
⑥ Safety cylinder locks							
							
• With key • Made of metal							
8GB2055-0							
Blanking strips							
							
• 12 MW wide • Color: Gray • Knockouts enable easy cutting to required length • With increased flame protection up to 850°C							
8GB4 671							
8GB4671							

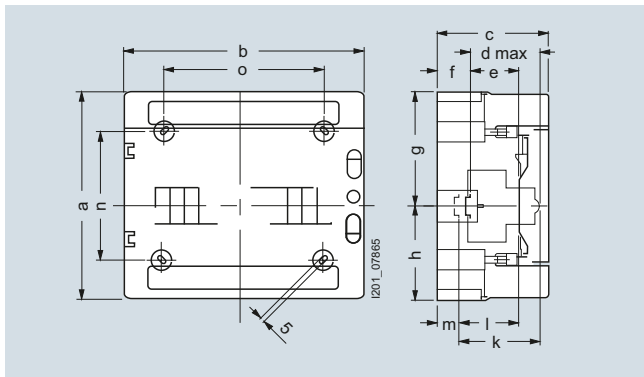
ALPHA SIMBOX Small Distribution Boards

SIMBOX WP Small Distribution Boards

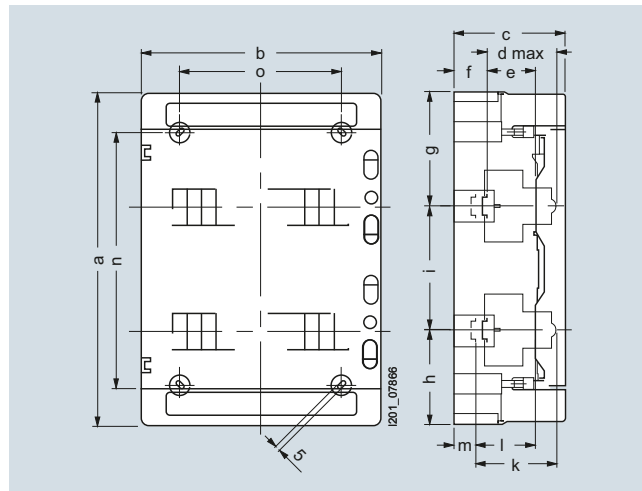
IP65 Surface-Mounting Distribution Boards

Dimensional drawings

Dimensional drawings



1-tier 8GB1 371-0, 8GB1 371-1, 8GB1 371-2, 8GB1 371-3



2-tier 8GB1 372-2, 8GB1 372-3
(3 and 4-tier versions not shown)

MW	Type	Dimensions														
		a	b	c	d _{max}	e	f	g	h	i	k	l	m	n	o	
1 × 4	8GB1 371-0	210	148	100	75	48	15	105	105	--	--	--	--	156	87	
1 × 8	8GB1 371-1	210	215	100	75	48	15	105	105	--	--	--	--	110	115	
1 × 12	8GB1 371-2	260	298	140	75	48	48	117.5	142.5	--	102	75	21	161	200	
1 × 18	8GB1 371-3	285	410	140	75	48	48	117.5	142.5	--	102	75	21	185	310	
2 × 12	8GB1 372-2	420	298	140	75	48	48	147.5	122.5	150	102	75	21	320	200	
2 × 18	8GB1 372-3	463	410	140	75	48	48	155.5	131.5	150	102	75	21	210	293	
3 × 18	8GB1 373-3	655	410	140	75	48	48	162.5	142.5	175	102	75	21	363	319	
4 × 18	8GB1 374-3	878	410	160	75	48	48	175	155.5	175	102	75	21	394	319	

a = Distribution board height

b = Distribution board width

c = Distribution board depth

g = Device mounting depth

h = Wiring space behind the standard mounting rail

ALPHA 160 Distribution Boards

**NEW**

Direct reference to the products in the Industry Mall from the selection and ordering data tables:

Article No.
[www.siemens.com/
 product? Article No.](http://www.siemens.com/product?ArticleNo.)

3KD2832-0NE10-0

Paper catalog:
 To get more
 product information
 enter the Web
 address plus
 Article No.



PDF catalog:
 Get more product information
 with just a mouse click.

17.2/2	Introduction
17.2/6	8GK1 surface and flush-mounting distribution boards
17.2/7	Quick-assembly kits for unequipped distribution boards 8GK4 quick-assembly kits for modular installation devices
17.2/8	Assembly kits for unequipped distribution boards Longitudinal stays
17.2/8	Assembly kits for modular installation devices
17.2/9	8GK4 assembly kits
17.2/10	Mounting of fuse switch disconnectors
17.2/10	Accessories
17.2/14	Special colors option

For further technical product information:

Service & Support Portal:

www.siemens.com/lowvoltage/product-support






→ Product list:
 Technical specifications

→ Entry list:
 Certificates / Characteristics /
 Download / FAQ / Manuals /
 Updates

ALPHA 160 Distribution Boards

Introduction

Overview

	Devices	Page	Surface-mounting distribution boards	Flush-mounting distribution boards	Rated current	Cubicle depth	Safety class		
							A	mm	1
	ALPHA SIMBOX small distribution boards	SIMBOX XL small distribution boards:							
		• Flush-mounting and hollow-wall distribution boards	17.1/6	--	✓	63	88 ¹⁾	--	✓
		• Surface-mounting distribution boards, IP30	17.1/9	✓	--	63	99	--	✓
	ALPHA 160 DIN technology distribution boards	SIMBOX WP small distribution boards:							
		• Surface-mounting distribution boards, IP65	17.1/14	✓	--	63	100/140/160	--	✓
		Cubicle, partially equipped	17.2/6	✓	✓	160	140	--	✓
		Unequipped distribution board	17.2/6	✓	✓	160	140	--	✓
	ALPHA 400 DIN technology distribution boards	Unequipped distribution board, flat pack	17.3/9	✓	--	400	210	✓	✓
		Unequipped distribution board, pre-assembled	17.3/10	✓	✓	400	210	✓	✓
	ALPHA 630 DIN technology distribution boards	Unequipped distribution board, flat pack	17.4/7	✓	--	630	210	✓	✓
		Unequipped distribution board, pre-assembled	17.4/7	✓	--	630	210/250/320	✓	✓
		Unequipped distribution board, pre-assembled, with open side panels	17.4/8	✓	--	630	250/320	✓	--
	ALPHA AS DIN technology distribution boards	Unequipped distribution board, pre-assembled	17.5/7	✓	--	1250	400	✓	--

¹⁾ Mounting depth

Degree of protection	VDE	EN	DIN	IEC
IP30	DIN VDE 0603	--	DIN 43871	IEC 61439-1/-3
IP30	DIN VDE 0603	--	DIN 43871	IEC 61439-1/-3
IP65	DIN VDE 0603-1, VDE 0660-500/-504	EN 61439-1/-3	DIN 43871	IEC 60439-1/-3
IP31 / IP43 / IP44	VDE 0660-600-1/-3	EN 61439-1/-3	--	IEC 61439-1/-3
IP43	VDE 0660-600-1/-2/-3	EN 61439-1/-2/-3	--	IEC 61439-1/-2/-3
IP31 / IP43 / IP55				
IP43	VDE 0660-600-1/-2	EN 61439-1/-2	--	IEC 61439-1/-2
IP43 / IP55				
IP55				
IP55	VDE 0660-600-1/-2	EN 61439-1/-2	--	Type verification according to IEC 61439-1/-2

ALPHA 160 Distribution Boards

Introduction



System

The modular design of our Siemens distribution board system draws on our decades of experience.

This system has been tailored to meet individual requirements for distribution board installation.

The system comprises unequipped distribution boards, partially equipped distribution boards with cabinet-high quick-assembly kits, cabinet-high quick-assembly kits for modular installation devices for fast equipping and wiring, assembly kits for project-related and individual assembly, as well as an extensive range of accessories.

Enclosures

Material:

Electrogalvanized and powder-coated sheet steel.

Sheet thickness:

Body 0.75 mm, door 1 mm

Color:

RAL 9016 (traffic white).

Further RAL colors are available on request. For special colors, see page 17.2/14.

Quick-assembly kits and assembly kits

The assembly kits are made of sendzimir-galvanized sheet steel and are equipped with molded-plastic covers for a wide range of equipping options, e.g. with switching devices and modular installation devices.

The largest switching devices that can be installed in the ALPHA 160 DIN technology distribution boards are the 3NP40 10 and 3NP40 70 fuse switch disconnectors in sizes NH 000 and NH 00 with a rated current of up to 160 A.

Benefits

- Plan and configure quickly, simply and conveniently with the SIMARIS ConFigure Basic software
- Easy planning thanks to modular design
- Ample wiring space behind the standard mounting rail
- Comprehensive range of cabinet-high and frequently used quick-assembly kits and standard assembly kits for individual and project-related assembly
- Easy assembly thanks to keyhole-fastened components and modules with quick-acting locks
- Fast mounting times thanks to quick-assembly kits
- System concept according to DIN, EN and VDE standards
- Solid sheet-steel enclosure
 - Surface mounting: IP43/IP44 with additional sealing of the rotary handle
 - Flush mounting: IP31 with door and integrated masking frame
- Safety class 2 (total insulation)
- High-quality surface finish: Distribution boards made of electrogalvanized and powder-coated sheet steel, system components made of sendzimir-galvanized sheet steel, galvanized and transparently chromated small components and screws
- Doors can be hinged on the right or left
- Door opening angle of 170°
- Replaceable locking systems (accessories)
- Front cover with sealable 90° quick-acting locks
- Environmentally-friendly and recyclable plastics

Application

ALPHA 160 DIN technology distribution boards are used for all applications for which a small distribution board does not provide sufficient equipping or wiring space, e.g. in residential, administrative, non-residential, commercial and industrial buildings.

Its ultra flat design (depth 140 mm) is an extremely useful addition to the Siemens distribution board product range.

The distribution board and its components are of modular design.

With just a few standard components, it is possible to achieve a wide range of project-related mounting and equipping options.

The ALPHA 160 DIN technology distribution board range comprises wall-mounted distribution boards with up to 7 modular installation devices, each with 12 MW per mounting width (250 mm). The standard mounting rail tier spacing is 125 mm or 150 mm. A total of 4 cabinet mounting widths are available, each with an internal dimension of 250 mm.

The distribution boards can be supplied in safety class 2 (total insulation). The standard degree of protection for surface-mounting distribution boards is IP43 and IP31 for flush-mounting distribution boards. The rated current is 160 A.

The modular design of the board enables easy planning, configuration, calculation, ordering and mounting.

Cabinet-high quick-assembly kits or assembly kits that only require a one-size screwdriver for assembly are available for all mountable switching devices and modular installation devices.

Technical specifications

Overvoltage category	III
Rated impulse withstand voltage U_{imp} in KV	6
Clearance and creepage distances	EN 60664-1
Rated insulation voltage U_i in V	690
Rated operational voltage U_e in V AC/DC	690
Rated voltage U_n (40 Hz ... 60 Hz AC) in V	690 for built-in devices
Rated current in A	Up to 160
Protective measures	Safety class 2 (total insulation)
Degree of protection acc. to EN 60529	Surface mounting: IP43/IP44 with additional seal set with door, flush mounting: IP31 with door and integrated masking frame
Standard mounting rail tier spacing per standard mounting rail tier in mm	125/150
Modular width (MW)	18 mm, 12 MW + 1 mountable MW
Pollution degree	3
Ambient temperature in °C	35 (24-h mean value)
Relative air humidity in %	50 at 40 °C
Test specifications	EN 61439-1/-3 (VDE 0660-600-1/-3)
Enclosure	Sheet steel
Mounting dimensions	DIN 43870
Surface	Electrogalvanized and powder-coated
Color	
• Enclosure ¹⁾	RAL 9016 (traffic white)
• Covers	RAL 7035 (light gray)
Lock	Rotary handle – can be replaced by other locking systems if required
Packing material	Shock-proof, environmentally-friendly

¹⁾ Further RAL colors are available on request. For special colors, see page 17.2/14.

Cabinet dimensions

Surface-mounting distribution boards (external dimensions)		Flush-mounting distribution boards with integrated masking frame (external dimensions)	
Depth 140 mm		Depth 140 mm	
Height	Width	Height	Width
mm	mm	mm	mm
500	300 550	558	358 608
650	300 550	708	358 608
800	300 550	858	358 608
950	300 550	1008	358 608
1100	300 550	1158	358 608

ALPHA 160 Distribution Boards

8GK1 surface and flush-mounting distribution boards



Overview

- Cabinet depth of 140 mm
- Safety class 2 (total insulation)
- Color RAL 9016 (traffic white)
- For special colors, see page 17.2/14
- Enclosure complete with door. Distribution boards with a width of 750/800 mm or more will be supplied with a double door. The integral rotary handle can be replaced with a different type of locking system, if preferred.

- Flanges: per panel width: one 2-component flange each at the top and bottom
- For distribution boards with built-in distribution board panels: Tier spacing of 125 mm with N/PE bar per panel width
- Flush-mounting distribution board with integrated masking frame

Note: Wall anchors are included in delivery with flush-mounting distribution boards.

Selection and ordering data

Internal/external dimensions		Panel width	Tiers/ MW	DT	Surface-mounting distribution boards, IP43 Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	DT	Flush-mounting distribution boards, IP31 Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Height	Width														
mm	mm														
Unequipped distribution boards															
	450/500	250/300	<input type="checkbox"/>	--	8GK1032-1KK11		1	1 unit	039		8GK1031-1KK11		1	1 unit	039
		500/550	<input type="checkbox"/>		8GK1032-1KK21		1	1 unit	039		8GK1031-1KK21		1	1 unit	039
		750/800	<input type="checkbox"/>		8GK1032-1KK31		1	1 unit	039		--				
	600/650	250/300	<input type="checkbox"/>	--	8GK1032-2KK11		1	1 unit	039		8GK1031-2KK11		1	1 unit	039
		500/550	<input type="checkbox"/>		8GK1032-2KK21		1	1 unit	039		8GK1031-2KK21		1	1 unit	039
		750/800	<input type="checkbox"/>		8GK1032-2KK31		1	1 unit	039		--				
		1000/1050	<input type="checkbox"/>		8GK1032-2KK41		1	1 unit	039		--				
	750/800	250/300	<input type="checkbox"/>	--	8GK1032-3KK11		1	1 unit	039		8GK1031-3KK11		1	1 unit	039
		500/550	<input type="checkbox"/>		8GK1032-3KK21		1	1 unit	039		8GK1031-3KK21		1	1 unit	039
		750/800	<input type="checkbox"/>		8GK1032-3KK31		1	1 unit	039		--				
		1000/1050	<input type="checkbox"/>		8GK1032-3KK41		1	1 unit	039		--				
	900/950	250/300	<input type="checkbox"/>	--	8GK1032-4KK11		1	1 unit	039		8GK1031-4KK11		1	1 unit	039
		500/550	<input type="checkbox"/>		8GK1032-4KK21		1	1 unit	039		8GK1031-4KK21		1	1 unit	039
		750/800	<input type="checkbox"/>		8GK1032-4KK31		1	1 unit	039		--				
		1000/1050	<input type="checkbox"/>		8GK1032-4KK41		1	1 unit	039		--				
	1050/1100	250/300	<input type="checkbox"/>	--	8GK1032-5KK11		1	1 unit	039		8GK1031-5KK11		1	1 unit	039
		500/550	<input type="checkbox"/>		8GK1032-5KK21		1	1 unit	039		8GK1031-5KK21		1	1 unit	039
		750/800	<input type="checkbox"/>		8GK1032-5KK31		1	1 unit	039		--				
		1000/1050	<input type="checkbox"/>		8GK1032-5KK41		1	1 unit	039		--				
Distribution boards with built-in distribution board panels															
	450/500	250/300	<input type="checkbox"/>	3/36	8GK1052-1KK11		1	1 unit	039		--				
		500/550	<input type="checkbox"/>	6/72	8GK1052-1KK21		1	1 unit	039		--				
		750/800	<input type="checkbox"/>	9/108	8GK1052-1KK31		1	1 unit	039		--				
	600/650	250/300	<input type="checkbox"/>	4/48	8GK1052-2KK11		1	1 unit	039		--				
		500/550	<input type="checkbox"/>	8/96	8GK1052-2KK21		1	1 unit	039		--				
		750/800	<input type="checkbox"/>	12/144	8GK1052-2KK31		1	1 unit	039		--				
		1000/1050	<input type="checkbox"/>	16/192	8GK1052-2KK41		1	1 unit	039		--				
	750/800	250/300	<input type="checkbox"/>	5/60	8GK1052-3KK11		1	1 unit	039		--				
		500/550	<input type="checkbox"/>	10/120	8GK1052-3KK21		1	1 unit	039		--				
		750/800	<input type="checkbox"/>	15/180	8GK1052-3KK31		1	1 unit	039		--				
		1000/1050	<input type="checkbox"/>	20/240	8GK1052-3KK41		1	1 unit	039		--				
	900/950	250/300	<input type="checkbox"/>	6/72	8GK1052-4KK11		1	1 unit	039		--				
		500/550	<input type="checkbox"/>	12/144	8GK1052-4KK21		1	1 unit	039		--				
		750/800	<input type="checkbox"/>	18/216	8GK1052-4KK31		1	1 unit	039		--				
		1000/1050	<input type="checkbox"/>	24/288	8GK1052-4KK41		1	1 unit	039		--				
	1050/1100	250/300	<input type="checkbox"/>	7/84	8GK1052-5KK11		1	1 unit	039		--				
		500/550	<input type="checkbox"/>	14/168	8GK1052-5KK21		1	1 unit	039		--				
		750/800	<input type="checkbox"/>	21/252	8GK1052-5KK31		1	1 unit	039		--				
		1000/1050	<input type="checkbox"/>	28/336	8GK1052-5KK41		1	1 unit	039		--				

Quick-assembly kits and assembly kits: 17.2/7. Accessories: 17.2/10.






ALPHA 160 Distribution Boards

Quick-Assembly Kits for Unequipped Distribution Boards

8GK4 quick-assembly kits for modular installation devices**Overview**

Quick-assembly kits are pre-assembled cabinet-high system components for the most common applications. Such kits already include the longitudinal stays and can be simply snapped into the unequipped distribution boards of the respective mounting height, thanks to the time-saving quick-locking technology.

Selection and ordering data

	External dimensions		Tiers/ MW	DT	Quick-assembly kits, for modular installation devices										
	Height	Width			Tier spacing of 125 mm, with N/PE bar			Tier spacing of 150 mm, without N/PE bar							
					Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
mm	mm														
 8GK4051-3KK11	450	250	3/36		8GK4001-3KK11		1	1 unit	039		8GK4051-3KK11		1	1 unit	039
 8GK4051-4KK11	600	250	4/48		8GK4001-4KK11		1	1 unit	039		8GK4051-4KK11		1	1 unit	039
 8GK4051-5KK11	750	250	5/60		8GK4001-5KK11		1	1 unit	039		8GK4051-5KK11		1	1 unit	039
 8GK4051-6KK11	900	250	6/72		8GK4001-6KK11		1	1 unit	039		8GK4051-6KK11		1	1 unit	039
 8GK4051-7KK11	1050	250	7/84		8GK4001-7KK11		1	1 unit	039		8GK4051-7KK11		1	1 unit	039

The quick-assembly kits with a width of 250 mm are equipped with 7.5 mm standard mounting rails.

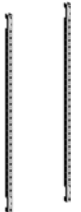
Accessories: [17.2/10](#).

ALPHA 160 Distribution Boards

Assembly Kits for Unequipped Distribution Boards

Longitudinal stays

Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	
 8GK4851-3KK00		Longitudinal stays					
		<ul style="list-style-type: none"> To mount the assembly kits in unequipped distribution boards, 2 longitudinal stays are required for each assembly kit width 1 set = 2 stays 					
		Height in mm					
			8GK4851-3KK00 8GK4851-4KK00 8GK4851-5KK00		1 1 1	1 set 1 set 1 set	039 039 039
			8GK4851-6KK00 8GK4851-7KK00		1 1	1 set 1 set	039 039





Assembly kits for modular installation devices

Overview

- Assembly kits for individual and project-related assembly, comprising: device racks, front cover including supports, screws and mounting accessories
- The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports.

Note: For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.2/8).

Selection and ordering data

External dimensions	Tiers/ MW	DT	Assembly kits, for modular installation devices										
			Tier spacing 125 mm			Tier spacing 150 mm							
Height	Width		Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
mm	mm												
 8GK4351-1KK21	150	250 500	1/12 1/24	-- --					8GK4351-1KK11 8GK4351-1KK21		1 1	1 unit 1 unit	039 039
	 8GK4351-2KK21	300	250 500	2/24 2/48	8GK4301-2KK11 8GK4301-2KK21		1 1	1 unit 1 unit	039 039	8GK4351-2KK11 8GK4351-2KK21		1 1	1 unit 1 unit
 8GK4351-3KK21		450	250 500	3/36 3/72	8GK4301-3KK11 8GK4301-3KK21		1 1	1 unit 1 unit	039 039	8GK4351-3KK11 8GK4351-3KK21		1 1	1 unit 1 unit
	 8GK4351-4KK21	600	250 500	4/48 4/96	8GK4301-4KK11 8GK4301-4KK21		1 1	1 unit 1 unit	039 039	8GK4351-4KK11 8GK4351-4KK21		1 1	1 unit 1 unit

The assembly kits with a width of 250 mm and 500 mm are equipped with 7.5 mm standard mounting rails.

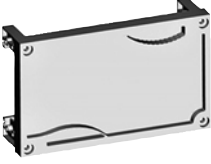

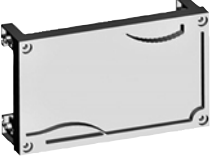
For accessories, see page 17.2/10.

ALPHA 160 Distribution Boards

Assembly Kits for Unequipped Distribution Boards

8GK4 assembly kits

Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG																			
 <p>8GK4401-1KK11</p> <p>Assembly kits for horizontal terminal blocks</p> <ul style="list-style-type: none"> Terminal blocks with graded insulation design Closed Assembly kits for individual and project-related assembly, comprising: device racks, front cover including supports, screws and mounting accessories With a front cover (for unequipped panels is sealable as standard and the quick-acting locking connections facilitate fast and reliable fixation to the supports) <table border="1"> <thead> <tr> <th>Height in mm (external dimensions)</th> <th>Width in mm (external dimensions)</th> </tr> </thead> <tbody> <tr> <td>150</td> <td>250 500</td> </tr> <tr> <td>300</td> <td>250 500</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> For assembly kits with a width of 500 mm it is recommended to install a vertical profile bar. For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.2/8). 	Height in mm (external dimensions)	Width in mm (external dimensions)	150	250 500	300	250 500																			
	Height in mm (external dimensions)	Width in mm (external dimensions)																							
	150	250 500																							
	300	250 500																							
			8GK4401-1KK11		1	1 unit	039																		
		8GK4401-1KK21		1	1 unit	039																			
		8GK4401-2KK11		1	1 unit	039																			
		8GK4401-2KK21		1	1 unit	039																			
 <p>8GK4451-2KK11</p> <p>Assembly kits with mounting plates</p> <ul style="list-style-type: none"> Closed Assembly kits for individual and project-related assembly, comprising: mounting plate, front cover including supports, screws and mounting accessories With a front cover (for unequipped panels is sealable as standard and the quick-acting locking connections facilitate fast and reliable fixation to the supports) <table border="1"> <thead> <tr> <th colspan="2">External dimensions (mm): assembly kit</th> <th colspan="2">Mounting plate dimensions in mm</th> </tr> <tr> <th>Height</th> <th>Width</th> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td>300</td> <td>250</td> <td>245</td> <td>207.5</td> </tr> <tr> <td>450</td> <td></td> <td>395</td> <td></td> </tr> <tr> <td>600</td> <td></td> <td>545</td> <td></td> </tr> </tbody> </table> <p>Note</p> <p>For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.2/8).</p>	External dimensions (mm): assembly kit		Mounting plate dimensions in mm		Height	Width	Height	Width	300	250	245	207.5	450		395		600		545						
	External dimensions (mm): assembly kit		Mounting plate dimensions in mm																						
	Height	Width	Height	Width																					
	300	250	245	207.5																					
	450		395																						
600		545																							
		8GK4451-2KK11		1	1 unit	039																			
		8GK4451-3KK11		1	1 unit	039																			
		8GK4451-4KK11		1	1 unit	039																			
 <p>8GK4501-1KK11</p> <p>Assembly kits for unequipped panels</p> <ul style="list-style-type: none"> Assembly kits for individual and project-related assembly, comprising: front cover including supports, screws and mounting accessories With a front cover (for unequipped panels is sealable as standard and the quick-acting locking connections facilitate fast and reliable fixation to the supports) <table border="1"> <thead> <tr> <th>Height in mm (external dimensions)</th> <th>Width in mm (external dimensions)</th> </tr> </thead> <tbody> <tr> <td>150</td> <td>250 500</td> </tr> <tr> <td>300</td> <td>250 500</td> </tr> <tr> <td>450</td> <td>250 500</td> </tr> <tr> <td>600</td> <td>250 500</td> </tr> </tbody> </table> <p>Note</p> <p>For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.2/8).</p>	Height in mm (external dimensions)	Width in mm (external dimensions)	150	250 500	300	250 500	450	250 500	600	250 500															
	Height in mm (external dimensions)	Width in mm (external dimensions)																							
	150	250 500																							
	300	250 500																							
	450	250 500																							
	600	250 500																							
			8GK4501-1KK11		1	1 unit	039																		
			8GK4501-1KK21		1	1 unit	039																		
			8GK4501-2KK11		1	1 unit	039																		
			8GK4501-2KK21		1	1 unit	039																		
		8GK4501-3KK11		1	1 unit	039																			
		8GK4501-3KK21		1	1 unit	039																			
		8GK4501-4KK11		1	1 unit	039																			
		8GK4501-4KK21		1	1 unit	039																			

For accessories, see page 17.2/10 onwards.

ALPHA 160 Distribution Boards

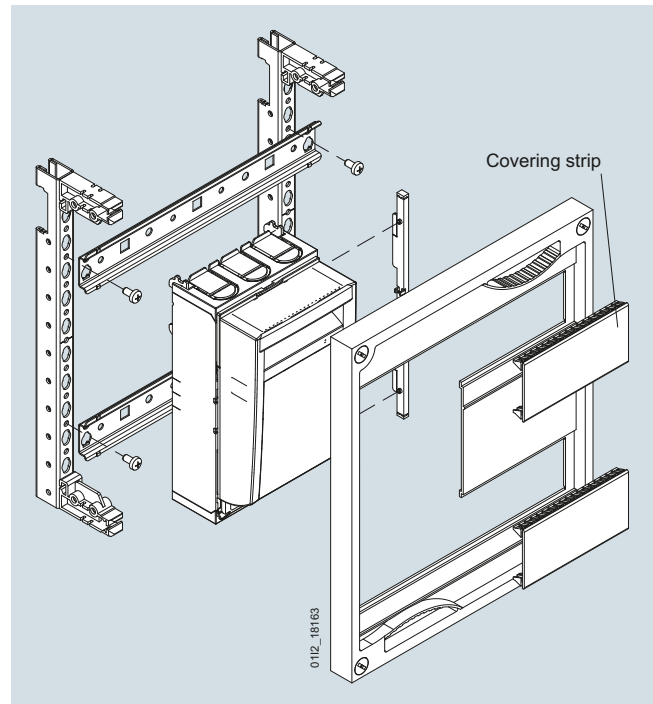
Mounting of fuse switch disconnectors

Overview

Installation of the 3NP1 fuse switch disconnectors size 000 and 00 in the ALPHA 160 DIN technology distribution board is implemented using the assembly kits for modular installation devices. Here the fuse switch disconnector is mounted between the standard mounting rails and the front cover on the modular installation devices is cut out appropriately (see diagram).


More information







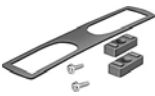
For further information about 3NP1 fuse switch disconnectors, see chapter "Switch disconnectors".



Accessories






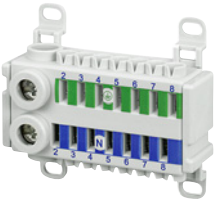


Selection and ordering data

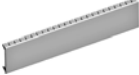


Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	
Unequipped distribution boards and partially equipped distribution boards							
 8GK9912-0KK10	Wall-mounting rails						
	<ul style="list-style-type: none"> For all wall-mounted distribution boards The distribution board can be quickly and precisely mounted by a single person 						
	Length in mm						
	<ul style="list-style-type: none"> 250 500 750 		8GK9912-0KK10		1	1 unit	039
	<ul style="list-style-type: none"> 1000 1250 		8GK9912-0KK20		1	1 unit	039
			8GK9912-0KK30		1	1 unit	039
		8GK9912-0KK40		1	1 unit	039	
		8GK9912-0KK50		1	1 unit	039	
Cabinet mounting lugs, flat							
Versions							
<ul style="list-style-type: none"> For mounting and fixing the cabinet directly against the wall without spacing <ul style="list-style-type: none"> - 1 set = 4 lugs including screws For linking two cabinets and for mounting and fixing directly against the wall without spacing <ul style="list-style-type: none"> - 8GK9910-0KK36 also required for the ends of a row of cabinets - 1 set = 2 lugs including screws 		8GK9910-0KK36		1	5 sets	039	
		8GK9910-0KK37		1	1 set	039	
Hollow wall sets							
For fixing flush-mounting distribution boards in hollow walls		8GK9910-0KK28		1	1 set	039	

Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	
Locking systems							
Versions							
 8GK9560-0KK04		<ul style="list-style-type: none"> Standard locking devices <ul style="list-style-type: none"> Made of plastic Color: black With rotary handle for wall-mounted distribution board, degree of protection IP43 Cannot be retrofitted to other locking devices 	8GK9560-0KK04	1	1 unit	039	
		<ul style="list-style-type: none"> Rotary handle locking devices for profile cylinders <ul style="list-style-type: none"> For wall-mounted distribution boards with degree of protection IP43/IP55, with mounting option for a profile semicylinder (length 40 mm) Suitable for E012 or Senat tumbler Color: black 	8GK9560-0KK06	1	1 unit	039	
		<ul style="list-style-type: none"> Lockable rotary handles <ul style="list-style-type: none"> Including E012 lock and two keys 	8GK9560-0KK13	1	1 unit	039	
Accessories							
		Spare key for E012 lock	8GF9390-2	1	1 unit	042	
Profile semicylinders							
Versions							
 8GK9560-0KK07		<ul style="list-style-type: none"> With E012 lock and two keys 	8GK9560-0KK07	1	1 unit	039	
	 8GK9560-0KK08		<ul style="list-style-type: none"> With Senat tumbler and two keys 	8GK9560-0KK08	1	1 unit	039
		 8GK9560-0KK10		<ul style="list-style-type: none"> With 3-mm pin as double-bit lock 	8GK9560-0KK10	1	1 unit
2-component flanges							
 8GK9000-0KK02		<ul style="list-style-type: none"> For fast and correct wiring With 44 possible knockouts Comprising 2 elastic components 	8GK9000-0KK02	1	1 unit	039	
Siemens nameplates							
 8GD9084		<ul style="list-style-type: none"> Made of aluminum Self-adhesive Color: petrol 	8GD9084	1	1 unit	042	
Retrofit kits							
 8GK9560-0KK05		<ul style="list-style-type: none"> For standard locking device to IP44 degree of protection 	8GK9560-0KK05	1	1 set	039	

ALPHA 160 Distribution Boards

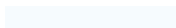





















Accessories

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Partitions						
<ul style="list-style-type: none"> For the visual and spatial separation of different potentials Material plastic 						
Versions						
 8GK9001-3KK01	<ul style="list-style-type: none"> Vertical - Height 450 mm - Height 600 mm - Height 750 mm - Height 900 mm - Height 1050 mm 		8GK9001-3KK01 8GK9001-4KK01 8GK9001-5KK01 8GK9001-6KK01 8GK9001-7KK01	1	1 unit	039
				1	1 unit	039
				1	1 unit	039
				1	1 unit	039
				1	1 unit	039
 8GK9002-0KK10	<ul style="list-style-type: none"> Horizontal - Width 250 mm 		8GK9002-0KK10	1	1 unit	039
N/PE bars as plug-in terminals						
Versions						
 8GK9910-0KK11	<ul style="list-style-type: none"> Each with six screw terminals from 2.5 to 16 mm² and 21 plug-in connections from 1.5 to 4 mm² for mounting on longitudinal stays at a 30° inclination 		8GK9910-0KK11	1	1 unit	039
	<ul style="list-style-type: none"> With six screw terminals from 2.5 to 16 mm² and 21 plug-in connections from 1.5 to 4 mm², for PE bar and one N bar each with two screw terminals from 2.5 to 16 mm² and 10 plug-in connections from 1.5 to 4 mm², for mounting on longitudinal stays at a 30° inclination 		8GK9910-0KK12	1	1 unit	039
 8GS4034-1	<ul style="list-style-type: none"> For snap-on mounting onto the standard mounting rail For distributing the neutral conductor when using several RCBBs 2 × screw terminal, conductor cross-section max. 16 mm² 14 × plug-in terminal, conductor cross-section max. 4 mm² 		8GS4034-1	1	1 unit	043
 8GS4034-2	<ul style="list-style-type: none"> For snap-on mounting onto the standard mounting rail 2 × screw terminal, conductor cross-section max. 16 mm² 14 × plug-in terminal, conductor cross-section max. 4 mm² 		8GS4034-2	1	1 unit	043
 8GS4034-3	<ul style="list-style-type: none"> For snap-on mounting onto the standard mounting rail For distributing the neutral conductor when using several RCBBs 1 × screw terminal, conductor cross-section max. 16 mm² ¹⁾ 7 × plug-in terminal, conductor cross-section max. 4 mm² ¹⁾ 		8GS4034-3	1	1 unit	043
	Footnote ¹⁾ Per PE or N potential.					
 8GS4034-4	<ul style="list-style-type: none"> For snap-on mounting onto the standard mounting rail For distributing the neutral conductor when using several RCBBs 1 × screw terminal, conductor cross-section max. 16 mm² ¹⁾ 7 × plug-in terminal, conductor cross-section max. 4 mm² ¹⁾ 		8GS4034-4	1	1 unit	043
	Footnote ¹⁾ Per PE or N potential.					
 8GK9910-0KK20	<ul style="list-style-type: none"> Supports for front covers Short version Material plastic 1 set = 4 supports 		8GK9910-0KK20	1	5 sets	039

	Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 8GK9910-0KK00	Blanking strips Color RAL 7035 (light gray)						
	Versions • For 12 MW (1 MW = 18 mm) • Length 1 m w/o pressure-relief joint, to cut to length		8GK9910-0KK00 8GK9910-0KK01		1 10 units 1 1 unit		039 039
 8GK9910-0KK27	ALPHA assembly tools • For supports • Short and long version • With ergonomic handle for supports		8GK9910-0KK27		1 1 unit		039
	Standard mounting rails, lowered						
 8GK9910-0KK35	Width • 250 mm • 500 mm • 750 mm		8GK9910-0KK35 8GK9910-0KK40 8GK9910-0KK41		1 1 unit 1 1 set 1 1 set		039 039 039

ALPHA 160 Distribution Boards

Special colors option

Special colors	Color designation	Option	ALPHA 160
			Surcharge
	RAL 9016 smooth matt	C10	None
	RAL 7035 light gray smooth matt	C11	None
	RAL 7035 light gray semi-gloss textured	C12	✓
	RAL 7032 pebble gray semi-gloss textured	C13	✓
	RAL 7038 agate gray semi-gloss textured	C14	✓
	RAL 9010 pure white semi-gloss smooth	C15	✓
	SN 610 Siemens white semi-gloss textured	C16	✓
	SN 610 Siemens white silky gloss textured	C17	✓
	RAL 9002 gray white semi-gloss smooth	C18	✓
	RAL 9002 gray white matt coarse texture	C19	✓
	RAL 9003 signal white textured semi-gloss	C20	✓
	RAL 9001 cream semi-gloss smooth	C21	✓
	RAL 5017 traffic blue coarse texture silky gloss	C22	✓
	RAL 5005 signal blue semi-gloss smooth	C23	✓
	RAL 5010 gentian blue semi-gloss smooth	C24	✓
	RAL 2000 yellow orange semi-gloss smooth	C25	✓
	RAL 6018 yellow green semi-gloss smooth	C26	✓
	RAL 1003 signal yellow semi-gloss smooth	C27	✓
	RAL 7033 cement gray semi-gloss textured	C28	✓
	RAL 9002 gray white smooth silky gloss	C29	✓
	RAL 9010 pure white semi-gloss textured	C30	✓
	RAL 3000 flame red coarse texture silky gloss	C31	✓

ALPHA 400 Distribution Boards

**NEW**

Direct reference to the products in the Industry Mall from the selection and ordering data tables:

Article No.
[www.siemens.com/
 product? Article No.](http://www.siemens.com/product?ArticleNo.)

3KD2832-0NE10-0

Paper catalog:
 To get more
 product information
 enter the Web
 address plus
 Article No.



PDF catalog:
 Get more product information
 with just a mouse click.

17.3/2 **Introduction**

17.3/9 **Unequipped distribution boards (flat pack delivery)**
 8GK1 surface-mounting distribution boards, IP43

17.3/10 **Unequipped distribution boards, pre-assembled**
 8GK1 surface-mounting distribution boards, IP43

17.3/11 8GK1 surface-mounting distribution boards, IP55

17.3/12 8GK1 flush-mounting distribution boards, IP31

Quick-assembly kits for unequipped distribution boards

17.3/13 8GK4 quick-assembly kits for modular installation devices

17.3/15 8GK4 quick-assembly kits for modular installation devices and terminal blocks

17.3/16 **Longitudinal stays**17.3/17 **Assembly kits for unequipped distribution boards**17.3/24 **Accessories**17.3/30 **Special colors option**

For further technical product information:

Service & Support Portal:

www.siemens.com/lowvoltage/product-support






→ Product list:
 Technical specifications

→ Entry list:
 Certificates / Characteristics /
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 Updates

ALPHA 400 Distribution Boards

Introduction

Overview

	Devices	Page	Surface-mounting distribution boards	Flush-mounting distribution boards	Rated current	Cubicle depth	Safety class		
							A	mm	1
	ALPHA SIMBOX small distribution boards	SIMBOX XL small distribution boards:							
		• Flush-mounting and hollow-wall distribution boards	17.1/6	--	✓	63	88 ¹⁾	--	✓
		• Surface-mounting distribution boards, IP30	17.1/9	✓	--	63	99	--	✓
	ALPHA 160 DIN technology distribution boards	SIMBOX WP small distribution boards:							
		• Surface-mounting distribution boards, IP65	17.1/14	✓	--	63	100/140/160	--	✓
		Cubicle, partially equipped	17.2/6	✓	✓	160	140	--	✓
	ALPHA 400 DIN technology distribution boards	Unequipped distribution board	17.2/6	✓	✓	160	140	--	✓
		Unequipped distribution board, flat pack	17.3/9	✓	--	400	210	✓	✓
	ALPHA 630 DIN technology distribution boards	Unequipped distribution board, pre-assembled	17.3/10	✓	✓	400	210	✓	✓
		Unequipped distribution board, flat pack	17.4/7	✓	--	630	210	✓	✓
		Unequipped distribution board, pre-assembled	17.4/7	✓	--	630	210/250/320	✓	✓
	ALPHA AS DIN technology distribution boards	Unequipped distribution board, pre-assembled, with open side panels	17.4/8	✓	--	630	250/320	✓	--
		Unequipped distribution board, pre-assembled	17.5/7	✓	--	1250	400	✓	--

¹⁾ Mounting depth

Degree of protection	VDE	EN	DIN	IEC
IP30	DIN VDE 0603	--	DIN 43871	IEC 61439-1/-3
IP65	DIN VDE 0603-1, VDE 0660-500/-504	EN 61439-1/-3	DIN 43871	IEC 60439-1/-3
IP31 / IP43 / IP44	VDE 0660-600-1/-3	EN 61439-1/-3	--	IEC 61439-1/-3
IP43	VDE 0660-600-1/-2/-3	EN 61439-1/-2/-3	--	IEC 61439-1/-2/-3
IP31 / IP43 / IP55				
IP43	VDE 0660-600-1/-2	EN 61439-1/-2	--	IEC 61439-1/-2
IP43 / IP55				
IP55				
IP55	VDE 0660-600-1/-2	EN 61439-1/-2	--	Type verification according to IEC 61439-1/-2

ALPHA 400 Distribution Boards

Introduction



Quick-assembly kits and assembly kits

The assembly kits are made of sendzimir-galvanized sheet steel and are equipped with molded-plastic covers for a wide range of equipping options, e.g. with switching devices and modular installation devices.

The largest controls that can be installed in the ALPHA 400 DIN technology distribution boards are the Siemens controls up to a rated current of 400 A.

Cabinet dimensions

All dimensions in mm

- Height (internal/external): 600/650, 750/800, 900/950, 1050/1100, 1200/1250, 1350/1400
- Width (internal/external dimensions): 250/300, 500/550, 750/800, 1000/1050, 1250/1300
- Depth (external dimension): 210
- Assembly kits in panel-size grid dimensions height × width: 150 × 250

System

The modular design of our Siemens distribution board system draws on our decades of experience.

This system has been tailored to meet individual requirements for distribution board installation.

The system comprises unequipped distribution boards as flat pack for surface-mounting distribution boards (delivery in individual parts for self-assembly), pre-assembled unequipped distribution boards for surface-mounting and flush-mounting distribution boards, cabinet-height quick-assembly kits for ultra fast equipping and wiring, assembly kits for project-related and individual assembly – as well as an extensive range of accessories.

Enclosures

- Material: Electrogalvanized and powder-coated sheet steel
- Sheet thickness, degree of protection IP43: Body 0.75 mm, door 1 mm
- Sheet thickness, degree of protection IP55: Body 0.75 mm, door 1 mm
- Color: RAL 9016 (traffic white). Further RAL colors are available on request. [For special colors](#), see page [17.3/30](#).

Flat pack

ALPHA distribution boards are also available as flat packs. This means that a distribution board is delivered in individual parts in a cardboard box.

The cardboard boxes contain the individual parts, brief mounting instructions and all mounting accessories.

Only a few manual steps are required to assemble the individual system components to create wall or floor-mounted distribution boards of degree of protection IP43.

The only tool required for such assembly is a one-size screw-driver.

This offers clear advantages and customer benefits: a considerable reduction in the delivery volume and storage space required.

It goes without saying that the distribution boards can also be delivered in a pre-assembled form.

**Benefits**

- Plan and configure quickly, simply and conveniently with the SIMARIS ConFIGuration Basic software.
- Delivery options:
 - Flat pack (assembly kit for self-assembly)
 - Unequipped distribution board - pre-assembled
 - The cabinet-high quick-assembly kits and the assembly kits can be mounted directly onto the platform (rear panel)
 - **Additional mounting stays are required for mounting the assembly kits! 2 longitudinal stays per panel width must be ordered separately for the assembly kits.**
- Easy planning thanks to modular design
- Ample wiring space behind the standard mounting rail
- Comprehensive range of cabinet-high and frequently used quick-assembly kits and standard assembly kits for individual and project-related assembly
- Easy assembly thanks to keyhole-fastened components and modules with quick-acting locks
- Fast mounting times thanks to quick-assembly kits
- System concept according to DIN, EN and VDE standards
- Solid sheet-steel enclosure
- Degree of protection: surface-mounting version: IP43 with door, IP55 with door; flush-mounting version: IP31 with door and integrated masking frame
- Safety class 1 (protective conductor connection) or safety class 2 (total insulation)
- High-quality surface finish: distribution boards made of electrogalvanized and powder-coated sheet steel, system components made of sendzimir-galvanized sheet steel, galvanized and transparently chromated small components and screws
- Doors can be hinged on the right or left
- Door opening angle of 180°
- Replaceable locking systems (accessories)
- Front cover with sealable 90° quick-acting locks
- Environmentally-friendly and recyclable plastics

Application

The ALPHA 400 DIN technology distribution boards are used for all applications for which the ALPHA 160 DIN technology distribution boards do not provide sufficient equipping or wiring space, e.g. in residential, administrative, non-residential, commercial and industrial buildings.

With a mounting depth of 210 mm, it ideally supplements the distribution board system.

The distribution board and its components are of modular design.

With just a few standard components, it is possible to achieve a wide range of project-related mounting and equipping options.

The ALPHA 400 DIN technology distribution board range comprises wall-mounted distribution boards with up to 9 modular installation devices, each with 12 MW per mounting width (250 mm). The standard mounting rail tier spacing is 125 mm or 150 mm. A total of 5 cabinet mounting widths are available, each with an internal dimension of 250 mm.

The cabinets can be supplied in safety class 1 (protective conductor connection) or safety class 2 (total insulation). The standard degree of protection for surface-mounting distribution boards is IP43 and IP55. The standard degree of protection for flush-mounting distribution boards is IP31. The rated current is 400 A.

The modular design of the board enables easy planning, configuration, calculation, ordering and mounting.

Cabinet-high quick-assembly kits or assembly kits that only require a one-size screwdriver for assembly are available for all mountable switching devices and modular installation devices.

ALPHA 400 Distribution Boards

Introduction

Design

Platform concept

A further innovation of the ALPHA distribution board product range is the "platform concept", which means that all supporting built-in components are mounted directly onto the platform (rear panel).

The covering parts (side plates, top plates, base plates and doors) are either assembled immediately or at a later point in time, irrespective of the assembly kits. The fact that the quick-assembly kits and assembly kits can be equipped and wired with modular installation devices is an additional advantage.

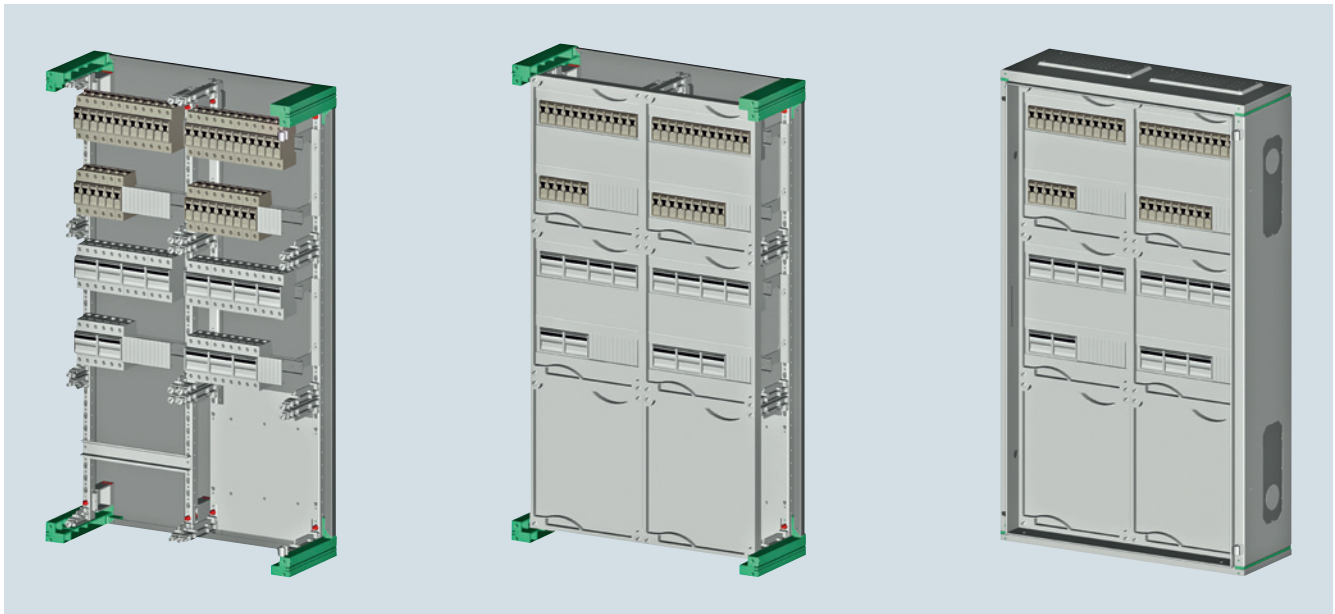
The completely wired assembly kits can then be placed on the platform and secured to the rear panel with a quick-acting lug. In addition, the quick-assembly kits or assembly kits can optionally be secured with a screw, which is included in delivery.

The enclosure covering parts such as top and base plate as well as side plates are then mounted.

The available wiring space can be optimally utilized as the rear panels of the modular installation devices can be manually accessed from all four sides.

Another advantage of the platform concept is that the covering parts will not be scratched or damaged when wiring the distribution board.

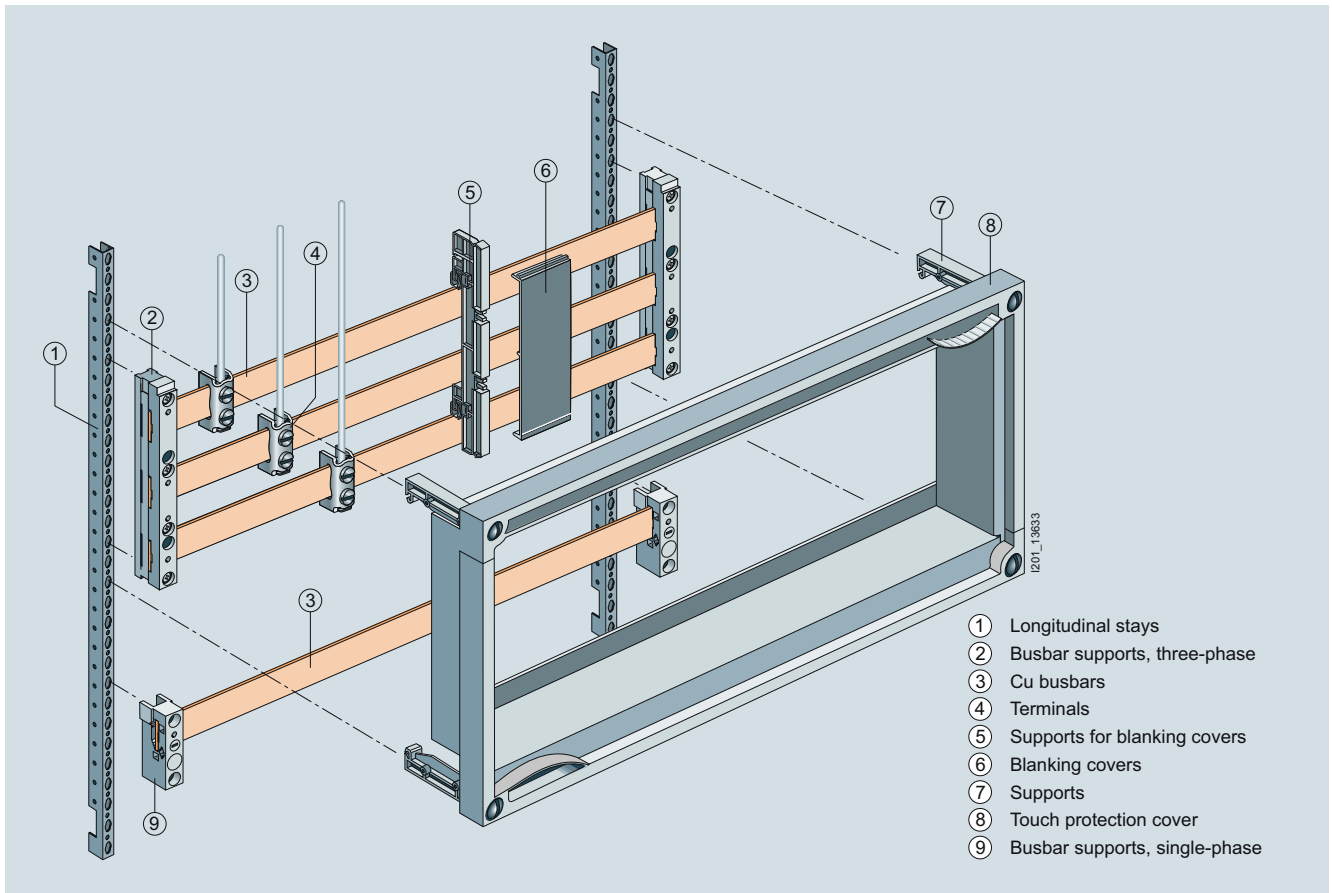
During the mounting phase, the platform can be optionally mounted with or without the covering parts and doors. The completely equipped and wired assembly kits or quick-assembly kits are then simply click-fastened onto the platform or in the pre-assembled unequipped distribution board.



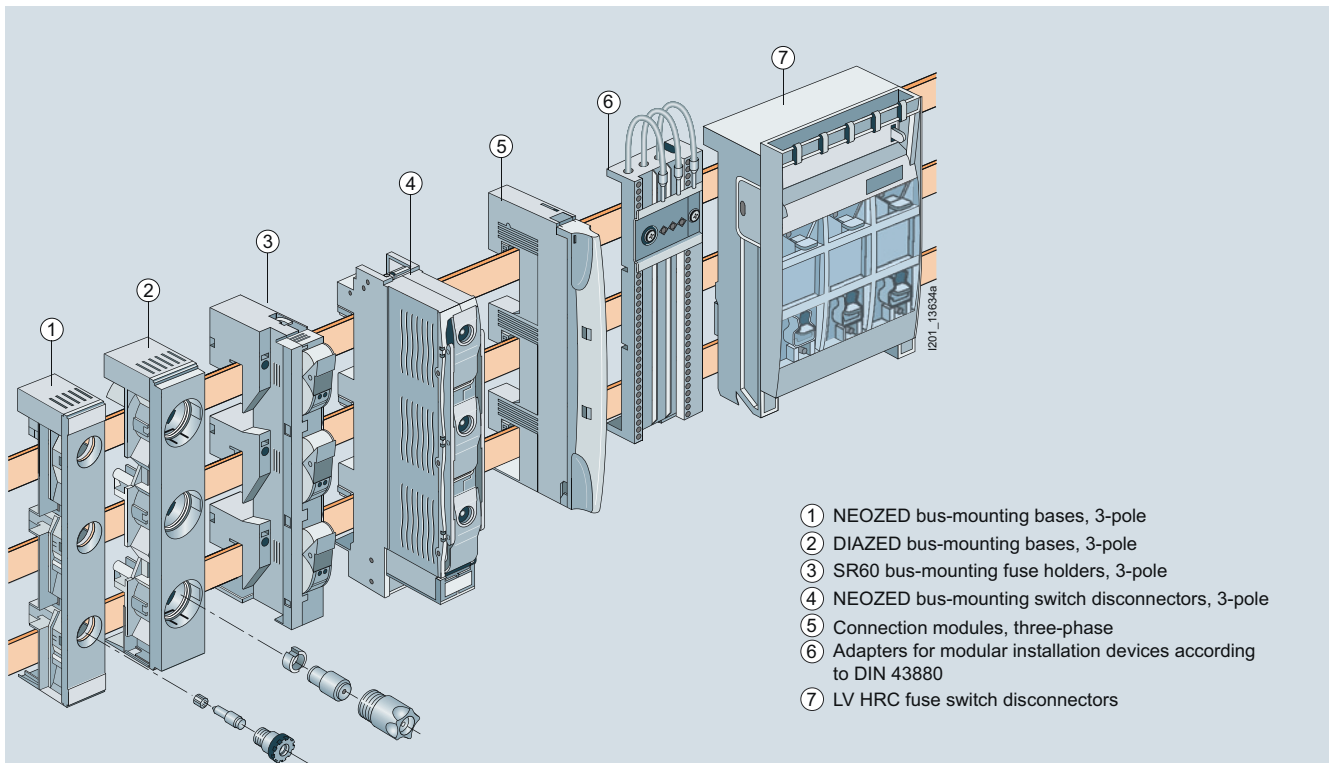
The fully equipped and wired assembly kits or quick-assembly kits are fastened directly onto the platform (rear panel).

The front covers can now be mounted.

The covering parts such as top, base and side plates are then mounted.



Distribution board components for the SR60 busbar system, 60 mm



Built-in components for the SR60 busbar system, 60 mm

ALPHA 400 Distribution Boards

Introduction

Technical specifications

Overvoltage category	III
Rated impulse withstand voltage U_{imp} in kV	6
Clearance and creepage distances	EN 60664-1
Rated insulation voltage U_i in V	690
Rated operational voltage U_e in V AC/DC	690
Rated voltage U_n (40 Hz ... 60 Hz AC) in V	690 for built-in devices
Rated current in A	Up to 400
Rated peak short-circuit current I_{pk} in kA	Up to 76 (3-pole) ²⁾
Rated short-time current I_{cw} in kA	34, conduction interval of 1 s
Protective measures	Safety class 1 (protective conductor connection) Safety class 2 (total insulation)
Number of conductors in the busbar run	4/5
Degree of protection acc. to EN 60529	Surface mounting: IP43 with door, IP55 with door Flush mounting: IP31 with door and integrated masking frame
Standard mounting rail tier spacing per standard mounting rail tier in mm	125/150
Modular width (MW)	18 mm, 12 MW + 1 mountable MW
Pollution degree	3
Ambient temperature in °C	35 (24-h mean value)
Relative air humidity in %	50 at 40 °C
Test specifications	EN 61439-1/-2/-3 (VDE 0660-600-1/-2/-3)
Enclosure	Sheet steel
Mounting dimensions	DIN 43870
Surface	Electrolytically galvanized and powder-coated
Color	
• Enclosure ¹⁾	RAL 9016 (traffic white)
• Covers	RAL 7035 (light gray)
Lock	Rotary handle – can be replaced by other locking systems if required
Packing material	Shock-proof, environmentally-friendly

¹⁾ Further RAL colors are available on request. For special colors, see page 17.3/30.

²⁾ Busbar support spacing: 250 mm, Cu busbars 30 mm × 10 mm.

Cabinet dimensions

Surface-mounting distribution boards (external dimensions)		Flush-mounting distribution boards with integrated masking frame (external dimensions)		Recess dimensions for flush-mounting distribution boards	
Depth 210 mm		Depth 210 mm		Depth 215 mm	
Height	Width	Height	Width	Height	Width
mm	mm	mm	mm	mm	mm
800	550 800	858	608 858	860	610 860
950	550 800	1008	608 858	1010	610 860
1250	550 800	1308	608 858	1310	610 860
1400	550 800	1458	608 858	1460	610 860

ALPHA 400 Distribution Boards






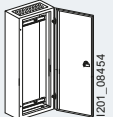




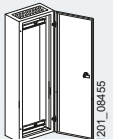





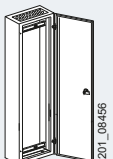





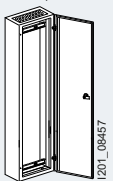











Unequipped Distribution Boards (Flat Pack Delivery)

8GK1 surface-mounting distribution boards, IP43

Overview

- Delivery options:
 - Flat pack (assembly kit for self-assembly)
 - Unequipped distribution board - pre-assembled
 - The cabinet-high quick-assembly kits and the assembly kits can be mounted directly onto the platform (rear panel)
 - **Additional mounting stays are required for mounting the assembly kits! 2 longitudinal stays per panel width must be ordered separately for the assembly kits.**
- Cabinet depth of 210 mm
- Degree of protection IP43
- Safety class 1 (protective conductor connection) or safety class 2 (total insulation)
- Color RAL 9016 (traffic white)
- **For special colors**, see page 17.3/30
- Unassembled enclosure with unassembled enclosed door and rotary handle, which can be replaced by other locking systems. Distribution boards with a width of 750 mm/800 mm or more will be supplied with a double door.
- Flanges: One 1-component flange at the bottom and one 2-component flange at the top per panel width

Selection and ordering data

Internal/external dimensions		Panel width	Surface-mounting distribution boards, IP43										
Height	Width		DT	Safety class 1			Safety class 2			DT	Safety class 2		
mm	mm		Article No. www.siemens.com/product?ArticleNo.	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	DT	Article No. www.siemens.com/product?ArticleNo.	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG
	600/650	250/300		8GK1102-2KK12		1	1 unit	039	8GK1112-2KK12		1	1 unit	039
		500/550		8GK1102-2KK22		1	1 unit	039	8GK1112-2KK22		1	1 unit	039
		750/800		8GK1102-2KK32		1	1 unit	039	8GK1112-2KK32		1	1 unit	039
		1000/1050		8GK1102-2KK42		1	1 unit	039	8GK1112-2KK42		1	1 unit	039
	750/800	250/300		8GK1102-3KK12		1	1 unit	039	8GK1112-3KK12		1	1 unit	039
		500/550		8GK1102-3KK22		1	1 unit	039	8GK1112-3KK22		1	1 unit	039
		750/800		8GK1102-3KK32		1	1 unit	039	8GK1112-3KK32		1	1 unit	039
		1000/1050		8GK1102-3KK42		1	1 unit	039	8GK1112-3KK42		1	1 unit	039
	900/950	250/300		8GK1102-4KK12		1	1 unit	039	8GK1112-4KK12		1	1 unit	039
		500/550		8GK1102-4KK22		1	1 unit	039	8GK1112-4KK22		1	1 unit	039
		750/800		8GK1102-4KK32		1	1 unit	039	8GK1112-4KK32		1	1 unit	039
		1000/1050		8GK1102-4KK42		1	1 unit	039	8GK1112-4KK42		1	1 unit	039
		1250/1300		8GK1102-4KK52		1	1 unit	039	8GK1112-4KK52		1	1 unit	039
	1050/1100	250/300		8GK1102-5KK12		1	1 unit	039	8GK1112-5KK12		1	1 unit	039
		500/550		8GK1102-5KK22		1	1 unit	039	8GK1112-5KK22		1	1 unit	039
		750/800		8GK1102-5KK32		1	1 unit	039	8GK1112-5KK32		1	1 unit	039
		1000/1050		8GK1102-5KK42		1	1 unit	039	8GK1112-5KK42		1	1 unit	039
		1250/1300		8GK1102-5KK52		1	1 unit	039	8GK1112-5KK52		1	1 unit	039
	1200/1250	250/300		8GK1102-6KK12		1	1 unit	039	8GK1112-6KK12		1	1 unit	039
		500/550		8GK1102-6KK22		1	1 unit	039	8GK1112-6KK22		1	1 unit	039
		750/800		8GK1102-6KK32		1	1 unit	039	8GK1112-6KK32		1	1 unit	039
		1000/1050		8GK1102-6KK42		1	1 unit	039	8GK1112-6KK42		1	1 unit	039
		1250/1300		8GK1102-6KK52		1	1 unit	039	8GK1112-6KK52		1	1 unit	039
	1350/1400	250/300		8GK1102-7KK12		1	1 unit	039	8GK1112-7KK12		1	1 unit	039
		500/550		8GK1102-7KK22		1	1 unit	039	8GK1112-7KK22		1	1 unit	039
		750/800		8GK1102-7KK32		1	1 unit	039	8GK1112-7KK32		1	1 unit	039
		1000/1050		8GK1102-7KK42		1	1 unit	039	8GK1112-7KK42		1	1 unit	039
		1250/1300		8GK1102-7KK52		1	1 unit	039	8GK1112-7KK52		1	1 unit	039

Quick-assembly kits and assembly kits, see pages 17.3/13 to 17.3/25.

For accessories, see page 17.3/24.

ALPHA 400 Distribution Boards

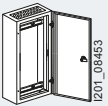




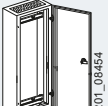




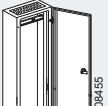





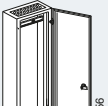





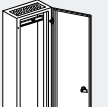





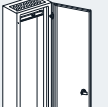





Unequipped Distribution Boards, Pre-Assembled

8GK1 surface-mounting distribution boards, IP43

Overview

- Cabinet depth of 210 mm
- Degree of protection IP43
- Safety class 1 (protective conductor connection) or safety class 2 (total insulation)
- Color RAL 9016 (traffic white)
- For special colors, see page 17.3/30
- Enclosure pre-assembled with door and rotary handle, which can be replaced by other locking systems. Distribution boards with a width of 750 mm/800 mm or more will be supplied with a double door.
- Flanges: per panel width, one 2-component flange each at the top and bottom

Selection and ordering data

Internal/external dimensions		Panel width	Surface-mounting distribution boards, IP43											
Height	Width		DT	Safety class 1			Safety class 2			Safety class 2			Safety class 2	
mm	mm		Article No. www.siemens.com/product?ArticleNo.	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	DT	Article No. www.siemens.com/product?ArticleNo.	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	
 1201_08453	600/650	250/300		8GK1122-2KK12	1	1 unit	039		8GK1132-2KK12	1	1 unit	039		
		500/550		8GK1122-2KK22	1	1 unit	039		8GK1132-2KK22	1	1 unit	039		
		750/800		8GK1122-2KK32	1	1 unit	039		8GK1132-2KK32	1	1 unit	039		
		1000/1050		8GK1122-2KK42	1	1 unit	039		8GK1132-2KK42	1	1 unit	039		
 1201_08454	750/800	250/300		8GK1122-3KK12	1	1 unit	039		8GK1132-3KK12	1	1 unit	039		
		500/550		8GK1122-3KK22	1	1 unit	039		8GK1132-3KK22	1	1 unit	039		
		750/800		8GK1122-3KK32	1	1 unit	039		8GK1132-3KK32	1	1 unit	039		
		1000/1050		8GK1122-3KK42	1	1 unit	039		8GK1132-3KK42	1	1 unit	039		
 1201_08455	900/950	250/300		8GK1122-4KK12	1	1 unit	039		8GK1132-4KK12	1	1 unit	039		
		500/550		8GK1122-4KK22	1	1 unit	039		8GK1132-4KK22	1	1 unit	039		
		750/800		8GK1122-4KK32	1	1 unit	039		8GK1132-4KK32	1	1 unit	039		
		1000/1050		8GK1122-4KK42	1	1 unit	039		8GK1132-4KK42	1	1 unit	039		
		1250/1300		8GK1122-4KK52	1	1 unit	039		8GK1132-4KK52	1	1 unit	039		
 1201_08456	1050/1100	250/300		8GK1122-5KK12	1	1 unit	039		8GK1132-5KK12	1	1 unit	039		
		500/550		8GK1122-5KK22	1	1 unit	039		8GK1132-5KK22	1	1 unit	039		
		750/800		8GK1122-5KK32	1	1 unit	039		8GK1132-5KK32	1	1 unit	039		
		1000/1050		8GK1122-5KK42	1	1 unit	039		8GK1132-5KK42	1	1 unit	039		
		1250/1300		8GK1122-5KK52	1	1 unit	039		8GK1132-5KK52	1	1 unit	039		
 1201_08457	1200/1250	250/300		8GK1122-6KK12	1	1 unit	039		8GK1132-6KK12	1	1 unit	039		
		500/550		8GK1122-6KK22	1	1 unit	039		8GK1132-6KK22	1	1 unit	039		
		750/800		8GK1122-6KK32	1	1 unit	039		8GK1132-6KK32	1	1 unit	039		
		1000/1050		8GK1122-6KK42	1	1 unit	039		8GK1132-6KK42	1	1 unit	039		
		1250/1300		8GK1122-6KK52	1	1 unit	039		8GK1132-6KK52	1	1 unit	039		
 1201_08458	1350/1400	250/300		8GK1122-7KK12	1	1 unit	039		8GK1132-7KK12	1	1 unit	039		
		500/550		8GK1122-7KK22	1	1 unit	039		8GK1132-7KK22	1	1 unit	039		
		750/800		8GK1122-7KK32	1	1 unit	039		8GK1132-7KK32	1	1 unit	039		
		1000/1050		8GK1122-7KK42	1	1 unit	039		8GK1132-7KK42	1	1 unit	039		
		1250/1300		8GK1122-7KK52	1	1 unit	039		8GK1132-7KK52	1	1 unit	039		

Quick-assembly kits and assembly kits, see pages 17.3/13 to 17.3/25.

For accessories, see page 17.3/24.

ALPHA 400 Distribution Boards

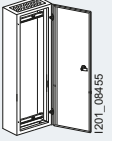





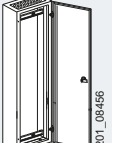





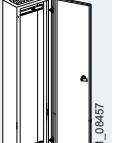





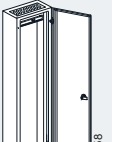




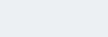
Unequipped Distribution Boards, Pre-Assembled

8GK1 surface-mounting distribution boards, IP55

Overview

- Cabinet depth of 210 mm
- IP55 degree of protection
- Safety class 1 (protective conductor connection) or safety class 2 (total insulation)
- Color RAL 9016 (traffic white)
- For special colors, see page 17.3/30
- Enclosure pre-assembled with door and rotary handle, which can be replaced by other locking systems. Distribution boards with a width of 750 mm/800 mm or more will be supplied with a double door.
- Flanges: per panel width, one 2-component flange each at the top and bottom

Selection and ordering data

Internal/external dimensions		Panel width	DT	Surface-mounting distribution boards, IP55					Safety class 2	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	DT	Safety class 1	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG
Height	Width			Article No. www.siemens.com/product?Article No.	Article No. www.siemens.com/product?Article No.														
mm	mm																		
 Z01_08455	250/300		8GK1123-4KK12	1	1 unit	039	8GK1133-4KA12	1	1 unit	039									
	500/550		8GK1123-4KA22	1	1 unit	039	8GK1133-4KA22	1	1 unit	039									
	750/800		8GK1123-4KA32	1	1 unit	039	8GK1133-4KA32	1	1 unit	039									
	1000/1050		8GK1123-4KA42	1	1 unit	039	8GK1133-4KA42	1	1 unit	039									
	1250/1300		8GK1123-4KA52	1	1 unit	039	8GK1133-4KA52	1	1 unit	039									
 Z01_08456	250/300		8GK1123-5KA12	1	1 unit	039	8GK1133-5KA12	1	1 unit	039									
	500/550		8GK1123-5KA22	1	1 unit	039	8GK1133-5KA22	1	1 unit	039									
	750/800		8GK1123-5KA32	1	1 unit	039	8GK1133-5KA32	1	1 unit	039									
	1000/1050		8GK1123-5KA42	1	1 unit	039	8GK1133-5KA42	1	1 unit	039									
	1250/1300		8GK1123-5KA52	1	1 unit	039	8GK1133-5KA52	1	1 unit	039									
 Z01_08457	250/300		8GK1123-6KA12	1	1 unit	039	8GK1133-6KA12	1	1 unit	039									
	500/550		8GK1123-6KA22	1	1 unit	039	8GK1133-6KA22	1	1 unit	039									
	750/800		8GK1123-6KA32	1	1 unit	039	8GK1133-6KA32	1	1 unit	039									
	1000/1050		8GK1123-6KA42	1	1 unit	039	8GK1133-6KA42	1	1 unit	039									
	1250/1300		8GK1123-6KA52	1	1 unit	039	8GK1133-6KA52	1	1 unit	039									
 Z01_08458	250/300		8GK1123-7KA12	1	1 unit	039	8GK1133-7KA12	1	1 unit	039									
	500/550		8GK1123-7KA22	1	1 unit	039	8GK1133-7KA22	1	1 unit	039									
	750/800		8GK1123-7KA32	1	1 unit	039	8GK1133-7KA32	1	1 unit	039									
	1000/1050		8GK1123-7KA42	1	1 unit	039	8GK1133-7KA42	1	1 unit	039									
	1250/1300		8GK1123-7KA52	1	1 unit	039	8GK1133-7KA52	1	1 unit	039									

Quick-assembly kits and assembly kits, see pages 17.3/13 to 17.3/25.

For accessories, see page 17.3/24.

ALPHA 400 Distribution Boards

Unequipped Distribution Boards, Pre-Assembled

8GK1 flush-mounting distribution boards, IP31







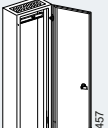





Overview

- Cabinet depth of 210 mm
- Degree of protection: IP31 (flush-mounting design comes with an integrated masking frame)
- Safety class 1 (protective conductor connection) or safety class 2 (total insulation)
- Color RAL 9016 (traffic white)
- For special colors, see page 17.3/30

- Enclosure pre-assembled with door and rotary handle, which can be replaced by other locking systems. Distribution boards with a width of 750 mm/800 mm or more will be supplied with a double door.
- Flanges:
 - Safety class 1 is delivered without flanges.

Note: Wall anchors are included in delivery with flush-mounting distribution boards.

Selection and ordering data

Internal/external dimensions		Panel width	Flush-mounting distribution boards, IP31					
Height	Width		DT	Safety class 1 Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
mm	mm							
 I201_08454	750/800	500/550		8GK1121-3KK22		1	1 unit	039
	750/800	750/800		8GK1121-3KK32		1	1 unit	039
 I201_08455	900/950	500/550		8GK1121-4KK22		1	1 unit	039
	750/800	750/800		8GK1121-4KK32		1	1 unit	039
 I201_08457	1200/1250	500/550		8GK1121-6KK22		1	1 unit	039
	750/800	750/800		8GK1121-6KK32		1	1 unit	039
 I201_08456	1350/1400	500/550		8GK1121-7KK22		1	1 unit	039
	750/800	750/800		8GK1121-7KK32		1	1 unit	039

Quick-assembly kits and assembly kits, see pages 17.3/13 to 17.3/25.

For accessories, see page 17.3/24.

ALPHA 400 Distribution Boards

Quick-Assembly Kits for Unequipped Distribution Boards


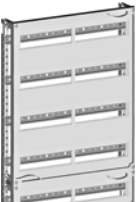
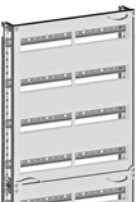
8GK4 quick-assembly kits for modular installation devices

Overview

Quick-assembly kits are pre-assembled cabinet-high system components for the most common applications. Such kits already include the longitudinal stays and can be simply

snapped into the unequipped distribution boards of the respective mounting height, thanks to the time-saving quick-locking technology.

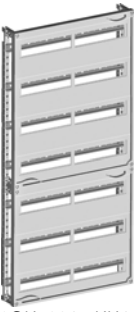


Selection and ordering data

	External dimensions		Tiers/ MW	Quick-assembly kits, for modular installation devices														
	Height	Width		DT	Tier spacing of 125 mm, with N/PE bar				DT	Tier spacing of 150 mm, without N/PE bar								
					Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit		PG	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG			
mm	mm																	
 8GK4001-4KK22	600	250	4/48		8GK4001-4KK11		1	1 unit	039		--							
		500	8/96		8GK4001-4KK22		1	1 unit	039		--							
 8GK4001-5KK22	750	250	5/60		8GK4001-5KK11		1	1 unit	039		--							
		500	10/120		8GK4001-5KK22		1	1 unit	039		--							
 8GK4001-6KK22	900	250	6/72		8GK4001-6KK11		1	1 unit	039		8GK4051-6KK11		1	1 unit	039			
		500	12/144		8GK4003-6KK11 (with 2 N/PE bars)		1	1 unit	039		--							
					8GK4001-6KK22		1	1 unit	039		8GK4101-6KK22		1	1 unit	039			

ALPHA 400 Distribution Boards

Quick-Assembly Kits for Unequipped Distribution Boards

8GK4 quick-assembly kits for modular installation devices


	External dimensions		Tiers/ MW	Quick-assembly kits, for modular installation devices													
	Height mm	Width mm		DT	Tier spacing of 125 mm, with N/PE bar			PU (UNIT, SET, M)	PS*/ P. unit	PG	DT	Tier spacing of 150 mm, without N/PE bar			PU (UNIT, SET, M)	PS*/ P. unit	PG
				Article No. www.siemens.com/ product?Article.No.	Price per PU							Article No. www.siemens.com/ product?Article.No.	Price per PU				
 8GK4001-7KK11	1050	250	7/84	8GK4001-7KK11		1	1 unit	039				8GK4051-7KK11		1	1 unit	039	
		500	14/168	8GK4003-7KK11 (with 2 N/PE bars)		1	1 unit	039				--					
				8GK4001-7KK22		1	1 unit	039	8GK4101-7KK22		1	1 unit	039				
 8GK4001-8KK12	1200	250	8/96	8GK4001-8KK12		1	1 unit	039				8GK4101-8KK12		1	1 unit	039	
		500	16/192	8GK4003-8KK12 (with 2 N/PE bars)		1	1 unit	039				--					
				8GK4001-8KK22		1	1 unit	039	8GK4101-8KK22		1	1 unit	039				
 8GK4002-8KK12	1350	250	9/108	8GK4002-8KK12		1	1 unit	039				8GK4102-8KK12		1	1 unit	039	
		500	18/216	8GK4003-8KK13 (with 2 N/PE bars)		1	1 unit	039				--					
				8GK4002-8KK22		1	1 unit	039	8GK4102-8KK22		1	1 unit	039				
	Note			<ul style="list-style-type: none"> • The quick-assembly kits with a width of 250 mm are equipped with 7.5 mm standard mounting rails. • The quick-assembly kits with a width of 500 mm are equipped with 15 mm standard mounting rails. • For accessories, see page 17.3/24. 													

ALPHA 400 Distribution Boards

Quick-Assembly Kits for Unequipped Distribution Boards

8GK4 quick-assembly kits for modular installation devices and terminal blocks

Selection and ordering data

	External dimensions		Tiers terminals/tiers REG/MW	DT	Quick-assembly kits, for modular installation devices				
	Height mm	Width mm			Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 8GK4100-6KK22	900	250	2/4/48		8GK4100-6KK12		1	1 unit	039
		500	4/8/96				1	1 unit	039
		750	6/12/144				1	1 unit	039
 8GK4100-7KK22	1050	250	2/5/60		8GK4100-7KK12		1	1 unit	039
		500	4/10/120				1	1 unit	039
		750	6/15/180				1	1 unit	039
 8GK4100-8KK22	1200	250	2/6/72		8GK4100-8KK12		1	1 unit	039
		500	4/12/144				1	1 unit	039
		750	6/18/216				1	1 unit	039
 8GK4110-8KK22	1350	250	3/6/72		8GK4110-8KK12		1	1 unit	039
		500	6/12/144				1	1 unit	039
		750	9/18/216				1	1 unit	039
	Note								
	<ul style="list-style-type: none"> The quick-assembly kits with a width of 250 mm are equipped with 7.5 mm standard mounting rails. The quick-assembly kits with a width of 500 mm/750 mm are equipped with 15 mm standard mounting rails. For accessories, see page 17.3/24. 								

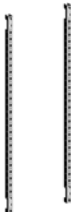
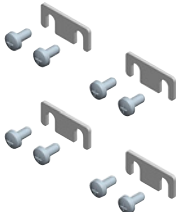
* You can order this quantity or a multiple thereof.

ALPHA 400 Distribution Boards





Quick-Assembly Kits for Unequipped Distribution Boards

Longitudinal stays

Selection and ordering data

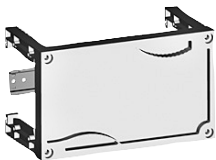
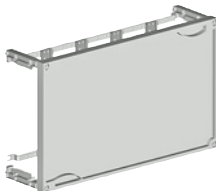
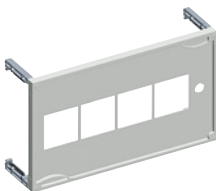
Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG							
 Longitudinal stays <ul style="list-style-type: none"> To mount the assembly kits in unequipped distribution boards, 2 longitudinal stays are required for each assembly kit width 1 set = 2 stays <table border="1"> <thead> <tr> <th>Height in mm</th> </tr> </thead> <tbody> <tr><td>600</td></tr> <tr><td>750</td></tr> <tr><td>900</td></tr> <tr><td>1050</td></tr> <tr><td>1200</td></tr> <tr><td>1350</td></tr> </tbody> </table>	Height in mm	600	750	900	1050	1200	1350						
	Height in mm												
	600												
	750												
	900												
	1050												
	1200												
1350													
8GK4851-4KK00		8GK4851-4KK00		1	1 set	039							
		8GK4851-5KK00		1	1 set	039							
		8GK4851-6KK00		1	1 set	039							
		8GK4851-7KK00		1	1 set	039							
		8GK4851-8KK00		1	1 set	039							
		8GK4852-8KK00		1	1 set	039							
 Connecting kits for longitudinal stays <ul style="list-style-type: none"> Connecting plate for stays 1 set = 4 units 		8GK9910-0KK32		1	1 unit	039							
8GK9910-0KK32													

Selection and ordering data



Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Assembly kits, for modular installation devices						
<ul style="list-style-type: none"> • Assembly kits for individual and project-related assembly, comprising: device racks, front cover including supports, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 						
 8GK4351-1KK12						
 8GK4351-2KK12						
 8GK4351-3KK12						
 8GK4351-4KK12						
	Row center distance	External dimensions		Tiers/MW		
	mm	Height mm	Width mm			
	125	150	250 500 750	1/12 1/24 1/36	-- -- --	
		300	250 500 750	2/24 2/48 2/72	8GK4301-2KK12 8GK4301-2KK22 --	1 1 unit 039 1 1 unit 039
		450	250 500 750	3/36 3/72 3/108	8GK4301-3KK12 8GK4301-3KK22 --	1 1 unit 039 1 1 unit 039
		600	250 500 750	4/48 4/96 4/144	8GK4301-4KK12 8GK4301-4KK22 --	1 1 unit 039 1 1 unit 039
	150	150	250 500 750	1/12 1/24 1/36	8GK4351-1KK12 8GK4351-1KK22 8GK4351-1KK32	1 1 unit 039 1 1 unit 039 1 1 unit 039
		300	250 500 750	2/24 2/48 2/72	8GK4351-2KK12 8GK4351-2KK22 8GK4351-2KK32	1 1 unit 039 1 1 unit 039 1 1 unit 039
		450	250 500 750	3/36 3/72 3/108	8GK4351-3KK12 8GK4351-3KK22 8GK4351-3KK32	1 1 unit 039 1 1 unit 039 1 1 unit 039
		600	250 500 750	4/48 4/96 4/144	8GK4351-4KK12 8GK4351-4KK22 8GK4351-4KK32	1 1 unit 039 1 1 unit 039 1 1 unit 039
Note						
<ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.3/16). • For accessories, see page 17.3/24. • The assembly kits with a width of 250 mm are equipped with 7.5 mm standard mounting rails. • The assembly kits with a width of 500/750 mm are equipped with 15 mm standard mounting rails. 						

ALPHA 400 Distribution Boards

Assembly kits for unequipped distribution boards

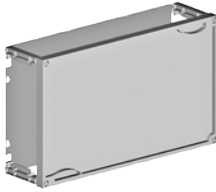

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG															
 <p>8GK4401-1KK12</p> <p>Assembly kits for horizontal terminal blocks</p> <ul style="list-style-type: none"> Terminal blocks with graded insulation design With closed front cover Assembly kits for individual and project-related assembly, comprising: device racks, front cover including supports, screws and mounting accessories Panel-size grid dimensions H x W (mm): 150 x 250 The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports <table border="1"> <thead> <tr> <th colspan="2">External dimensions in mm</th> </tr> <tr> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td>150</td> <td>250</td> </tr> <tr> <td rowspan="3">300</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="3">450</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> </tbody> </table> <p>Note</p> <p>For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.3/16).</p>	External dimensions in mm		Height	Width	150	250	300	250	500	750	450	250	500	750							
	External dimensions in mm																				
	Height	Width																			
	150	250																			
	300	250																			
		500																			
		750																			
	450	250																			
		500																			
		750																			
		8GK4401-1KK12		1	1 unit	039															
		8GK4401-2KK12		1	1 unit	039															
		8GK4401-2KK22		1	1 unit	039															
		8GK4401-2KK32		1	1 unit	039															
		8GK4401-3KK12		1	1 unit	039															
		8GK4401-3KK22		1	1 unit	039															
		8GK4401-3KK32		1	1 unit	039															
 <p>8GK4402-2KK12</p> <p>Assembly kits for vertical terminal blocks</p> <ul style="list-style-type: none"> Terminal blocks with insulation design With closed front cover Assembly kits for individual and project-related assembly, comprising: device racks, front cover including supports, screws and mounting accessories Panel-size grid dimensions H x W (mm): 150 x 250 <table border="1"> <thead> <tr> <th colspan="2">External dimensions in mm</th> </tr> <tr> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td rowspan="3">300</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="3">450</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="2">600</td> <td>250</td> </tr> <tr> <td>500</td> </tr> </tbody> </table> <p>Note</p> <p>For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.3/16).</p>	External dimensions in mm		Height	Width	300	250	500	750	450	250	500	750	600	250	500						
	External dimensions in mm																				
	Height	Width																			
	300	250																			
		500																			
		750																			
	450	250																			
		500																			
		750																			
	600	250																			
500																					
		8GK4402-2KK12		1	1 unit	039															
		8GK4402-2KK22		1	1 unit	039															
		8GK4402-2KK32		1	1 unit	039															
		8GK4402-3KK12		1	1 unit	039															
		8GK4402-3KK22		1	1 unit	039															
		8GK4402-3KK32		1	1 unit	039															
		8GK4402-4KK12		1	1 unit	039															
		8GK4402-4KK22		1	1 unit	039															
 <p>8GK4500-2KK20</p> <p>Assembly kit front covers, for measuring devices</p> <p>Note</p> <p>For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.3/16).</p>		8GK4500-2KK20		1	1 unit	039															

Assembly kits for unequipped distribution boards

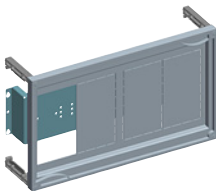
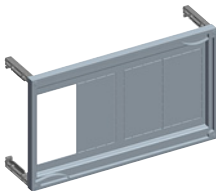
Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG																											
 <p>8GK4501-0KK12</p> <p>Assembly kits for unequipped panels</p> <ul style="list-style-type: none"> • Color: gray • Assembly kits for individual and project-related assembly, comprising: front cover including supports, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports <table border="1"> <thead> <tr> <th colspan="2">External dimensions in mm</th> </tr> <tr> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td rowspan="2">75</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td rowspan="3">150</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="3">300</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="3">450</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="3">600</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="3">750</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.3/16). • For accessories, see page 17.3/24. 	External dimensions in mm		Height	Width	75	250	500	150	250	500	750	300	250	500	750	450	250	500	750	600	250	500	750	750	250	500	750						
	External dimensions in mm																																
	Height	Width																															
	75	250																															
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		8GK4501-2KK12		1	1 unit	039																											
		8GK4501-2KK22		1	1 unit	039																											
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		8GK4501-3KK12		1	1 unit	039																											
		8GK4501-3KK22		1	1 unit	039																											
		8GK4501-3KK32		1	1 unit	039																											
		8GK4501-4KK12		1	1 unit	039																											
		8GK4501-4KK22		1	1 unit	039																											
		8GK4501-4KK32		1	1 unit	039																											
		8GK4501-5KK12		1	1 unit	039																											
		8GK4501-5KK22		1	1 unit	039																											
		8GK4501-5KK32		1	1 unit	039																											
 <p>8GK4501-3KK23</p> <p>Assembly kits for unequipped panels with deep-drawn cover, 40 mm</p> <ul style="list-style-type: none"> • Assembly kits for individual and project-related assembly, comprising: Front cover including supports, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports <table border="1"> <thead> <tr> <th colspan="2">External dimensions in mm</th> </tr> <tr> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td rowspan="3">300</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="3">450</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.3/16). • For accessories, see page 17.3/24. 	External dimensions in mm		Height	Width	300	250	500	750	450	250	500	750																					
	External dimensions in mm																																
	Height	Width																															
	300	250																															
		500																															
		750																															
	450	250																															
		500																															
		750																															
			8GK4501-2KK13		1	1 unit	039																										
			8GK4501-2KK23		1	1 unit	039																										
			8GK4501-2KK33		1	1 unit	039																										
		8GK4501-3KK13		1	1 unit	039																											
		8GK4501-3KK23		1	1 unit	039																											
		8GK4501-3KK33		1	1 unit	039																											

ALPHA 400 Distribution Boards

Assembly kits for unequipped distribution boards



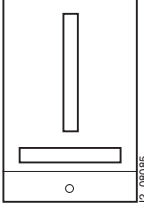
Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG																																												
 <p>8GK4451-2KK12</p> <p>Assembly kits with mounting plates</p> <ul style="list-style-type: none"> • Assembly kits for individual and project-related assembly, comprising: Mounting plate, front cover including supports, mounting brackets (depth-adjustable), screws and mounting accessories • With closed front cover • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports <table border="1"> <thead> <tr> <th colspan="2">External dimensions (mm): assembly kit</th> <th colspan="2">Mounting plate dimensions in mm</th> </tr> <tr> <th>Height</th> <th>Width</th> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td rowspan="3">300</td> <td>250</td> <td rowspan="3">245</td> <td>207.5</td> </tr> <tr> <td>500</td> <td>457.5</td> </tr> <tr> <td>750</td> <td>707.5</td> </tr> <tr> <td rowspan="3">450</td> <td>250</td> <td rowspan="3">395</td> <td>207.5</td> </tr> <tr> <td>500</td> <td>457.5</td> </tr> <tr> <td>750</td> <td>707.5</td> </tr> <tr> <td rowspan="3">600</td> <td>250</td> <td rowspan="3">545</td> <td>207.5</td> </tr> <tr> <td>500</td> <td>457.5</td> </tr> <tr> <td>750</td> <td>707.5</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.3/16). • If the fitted mounting plate extends over several panel widths, it is not possible to place a longitudinal stay in the middle. • For accessories, see page 17.3/24. 	External dimensions (mm): assembly kit		Mounting plate dimensions in mm		Height	Width	Height	Width	300	250	245	207.5	500	457.5	750	707.5	450	250	395	207.5	500	457.5	750	707.5	600	250	545	207.5	500	457.5	750	707.5																		
	External dimensions (mm): assembly kit		Mounting plate dimensions in mm																																															
	Height	Width	Height	Width																																														
	300	250	245	207.5																																														
		500		457.5																																														
		750		707.5																																														
	450	250	395	207.5																																														
		500		457.5																																														
		750		707.5																																														
	600	250	545	207.5																																														
500		457.5																																																
750		707.5																																																
		8GK4451-2KK12		1	1 unit	039																																												
		8GK4451-2KK22		1	1 unit	039																																												
		8GK4451-2KK32		1	1 unit	039																																												
		8GK4451-3KK12		1	1 unit	039																																												
		8GK4451-3KK22		1	1 unit	039																																												
		8GK4451-3KK32		1	1 unit	039																																												
		8GK4451-4KK12		1	1 unit	039																																												
		8GK4451-4KK22		1	1 unit	039																																												
		8GK4451-4KK32		1	1 unit	039																																												
 <p>8GK9531-4KK10</p> <p>Cabinet-high mounting plates</p> <ul style="list-style-type: none"> • With fixing screws • Sendzimir-galvanized sheet steel • For mounting on longitudinal stays • No covers available • Not depth-adjustable <table border="1"> <thead> <tr> <th colspan="2">External dimensions in mm</th> <th colspan="2">Mounting plate dimensions in mm</th> </tr> <tr> <th>Height</th> <th>Width</th> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td rowspan="2">600</td> <td>250</td> <td rowspan="2">596</td> <td>243</td> </tr> <tr> <td>500</td> <td>493</td> </tr> <tr> <td rowspan="2">750</td> <td>250</td> <td rowspan="2">685</td> <td>243</td> </tr> <tr> <td>500</td> <td>493</td> </tr> <tr> <td rowspan="2">900</td> <td>250</td> <td rowspan="2">835</td> <td>243</td> </tr> <tr> <td>500</td> <td>493</td> </tr> <tr> <td rowspan="2">1050</td> <td>250</td> <td rowspan="2">985</td> <td>243</td> </tr> <tr> <td>500</td> <td>493</td> </tr> <tr> <td rowspan="2">1200</td> <td>250</td> <td rowspan="2">1135</td> <td>243</td> </tr> <tr> <td>500</td> <td>493</td> </tr> <tr> <td rowspan="2">1350</td> <td>250</td> <td rowspan="2">1285</td> <td>243</td> </tr> <tr> <td>500</td> <td>493</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> • If these mounting plates are installed in distribution boards of safety class II, safety class II is no longer guaranteed! • If the fitted mounting plate extends over several panel widths, it is not possible to place a longitudinal stay in the middle. • For accessories, see page 17.3/24. 	External dimensions in mm		Mounting plate dimensions in mm		Height	Width	Height	Width	600	250	596	243	500	493	750	250	685	243	500	493	900	250	835	243	500	493	1050	250	985	243	500	493	1200	250	1135	243	500	493	1350	250	1285	243	500	493						
	External dimensions in mm		Mounting plate dimensions in mm																																															
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	600	250	596	243																																														
		500		493																																														
	750	250	685	243																																														
		500		493																																														
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1200	250	1135	243																																															
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1350	250	1285	243																																															
	500		493																																															
		8GK9531-4KK10		1	1 unit	039																																												
		8GK9531-4KK20		1	1 unit	039																																												
		8GK9531-5KK10		1	1 unit	039																																												
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		8GK9531-6KK20		1	1 unit	039																																												
		8GK9531-7KK10		1	1 unit	039																																												
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		8GK9531-8KK20		1	1 unit	039																																												
		8GK9532-8KK10		1	1 unit	039																																												
		8GK9532-8KK20		1	1 unit	039																																												

Assembly kits for unequipped distribution boards


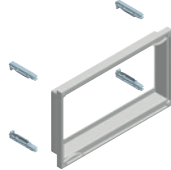


Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG			
 <p>8GK4550-2KK22</p> <p>Assembly kits for 3NP1 fuse switch disconnectors, for mounting on support plates</p> <ul style="list-style-type: none"> • Assembly kits for individual and project-related assembly, comprising: Support plate, front cover including supports, molded-plastic masking frame, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 	Number of assembly kits for size	Fuse switch disconnectors	Height in mm	Width in mm					
	2 × 00/000	2 × 3NP1123... / 3NP1133...	300	250	8GK4550-2KK12	1	1 unit 039		
	4 × 00/000	4 × 3NP1123... / 3NP1133...		500	8GK4550-2KK22	1	1 unit 039		
	1 × 1	1 × 3NP1143...	450	250	8GK4550-3KK12	1	1 unit 039		
	2 × 1	2 × 3NP1143...		500	8GK4550-3KK22	1	1 unit 039		
	1 × 2	1 × 3NP1153...	450	250	8GK4551-3KK12	1	1 unit 039		
	1 × 3	1 × 3NP1163...		500	8GK4551-3KK22	1	1 unit 039		
	Accessories:								
	<ul style="list-style-type: none"> • 3NP1123... cover, size 000 (required only for size 000 fuse switch disconnectors) 						8GK9912-0KK00	1	1 unit 039
	<ul style="list-style-type: none"> • Busbar supports <ul style="list-style-type: none"> - 40 mm, 5-pole - 60 mm, 3-pole 						8GK9650-0KK00	1	1 unit 039
Note									
<ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.3/16). • For mounting size 000 fuse switch disconnectors you also need the cover 8GK9912-0KK00 (see Accessories on page 17.3/21). • For more accessories, see page 17.3/24. 									
 <p>8GK4650-2KK12</p> <p>Assembly kits for 3NP1 fuse switch disconnectors, for mounting on busbars</p> <ul style="list-style-type: none"> • Assembly kits for individual and project-related assembly, comprising: Front cover including supports, molded-plastic masking frame, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 	Number of assembly kits for size	Fuse switch disconnectors	Height in mm	Width in mm					
	2 × 00/000	2 × 3NP1123... / 3NP1133...	300	250	8GK4650-2KK12	1	1 unit 039		
	4 × 00/000	4 × 3NP1123... / 3NP1133...		500	8GK4650-2KK22	1	1 unit 039		
	2 × 00/000	2 × 3NP1123... / 3NP1133...	450	250	8GK4650-3KK12	1	1 unit 039		
	4 × 00/000	4 × 3NP1123... / 3NP1133...		500	8GK4650-3KK22	1	1 unit 039		
	1 × 1	1 × 3NP1143...	450	250	8GK4651-3KK12	1	1 unit 039		
	2 × 1	2 × 3NP1143...		500	8GK4651-3KK22	1	1 unit 039		
	1 × 2	1 × 3NP1153...		250	8GK4652-3KK12	1	1 unit 039		
	Accessories:								
	<ul style="list-style-type: none"> • 3NP1123... cover, size 000 (required only for size 000 fuse switch disconnectors) 						8GK9912-0KK00	1	1 unit 039
<ul style="list-style-type: none"> • Busbar supports <ul style="list-style-type: none"> - 40 mm, 5-pole - 60 mm, 3-pole 						8GK9650-0KK00	1	1 unit 039	
Note									
<ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.3/16). • For mounting size 000 fuse switch disconnectors you also need the cover 8GK9912-0KK00 (see Accessories on page 17.3/21). • The Cu busbar and the busbar supports must be ordered separately (see page 17.3/26). • For more accessories, see page 17.3/24. 									

ALPHA 400 Distribution Boards

Assembly kits for unequipped distribution boards

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG																																										
 8GK4701-3KK12  8GK4721-3KK10	Assembly kits for 3VL molded case circuit breakers and 3VT switch disconnectors																																															
	<ul style="list-style-type: none"> • Assembly kits for individual and project-related assembly, comprising: Support plate, front cover including supports, screws and mounting accessories • Panel-size grid dimensions H x W (mm): 150 x 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 																																															
	<table border="1"> <thead> <tr> <th>Versions</th> <th colspan="2">External dimensions in mm</th> </tr> <tr> <th></th> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td>• 3- and 4-pole, 3VL molded case circuit breakers</td> <td></td> <td></td> </tr> <tr> <td>- 1 x 3VL160/3VL160X</td> <td>300</td> <td>250</td> </tr> <tr> <td>- 1 x 3VL160X, 1 x 3VL160, 1 x 3VL250</td> <td>450</td> <td></td> </tr> <tr> <td>- 1 x 3VL400</td> <td>600</td> <td></td> </tr> <tr> <td>• 3- and 4-pole, 3VT switch disconnectors</td> <td></td> <td></td> </tr> <tr> <td>- 2 x 3VT 1</td> <td>300</td> <td>250</td> </tr> <tr> <td>- 1 x 3VT 2</td> <td>450</td> <td></td> </tr> <tr> <td>- 1 x 3VT 3</td> <td>600</td> <td></td> </tr> <tr> <td>• For installation with mounted RCD module</td> <td></td> <td></td> </tr> <tr> <td>- 1 x 3VL160X + RCD</td> <td>450</td> <td>250</td> </tr> <tr> <td>- 1 x 3VL160/3VL250 + RCD</td> <td></td> <td></td> </tr> <tr> <td>- 1 x 3VL400 + RCD</td> <td>750</td> <td></td> </tr> </tbody> </table>	Versions	External dimensions in mm			Height	Width	• 3- and 4-pole, 3VL molded case circuit breakers			- 1 x 3VL160/3VL160X	300	250	- 1 x 3VL160X, 1 x 3VL160, 1 x 3VL250	450		- 1 x 3VL400	600		• 3- and 4-pole, 3VT switch disconnectors			- 2 x 3VT 1	300	250	- 1 x 3VT 2	450		- 1 x 3VT 3	600		• For installation with mounted RCD module			- 1 x 3VL160X + RCD	450	250	- 1 x 3VL160/3VL250 + RCD			- 1 x 3VL400 + RCD	750						
	Versions	External dimensions in mm																																														
		Height	Width																																													
• 3- and 4-pole, 3VL molded case circuit breakers																																																
- 1 x 3VL160/3VL160X	300	250																																														
- 1 x 3VL160X, 1 x 3VL160, 1 x 3VL250	450																																															
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• 3- and 4-pole, 3VT switch disconnectors																																																
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- 1 x 3VL400 + RCD	750																																															
		8GK4701-2KK12 8GK4701-3KK12 8GK4702-4KK12		1 1 1	1 unit 1 unit 1 unit	039 039 039																																										
		8GK4710-2KK10 8GK4710-3KK10 8GK4710-4KK10		1 1 1	1 unit 1 unit 1 unit	039 039 039																																										
		8GK4720-3KK10 8GK4721-3KK10 8GK4720-5KK10		1 1 1	1 unit 1 unit 1 unit	039 039 039																																										
		Note <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.3/16). • For accessories, see page 17.3/24. 																																														
 8GE3713-4	Assembly kits for meter mounting																																															
	<ul style="list-style-type: none"> • Assembly kits for individual and project-related assembly, not standardized, only for internal measurements, comprising: Meter support plate with all-round partitions, screws and mounting accessories • Not standardized, 375 mm • Height 450 mm (external dimension) • With 250 mm (external dimension) • Panel-size grid dimensions H x W (mm): 150 x 250 																																															
		8GE3713-4		1	1 unit	042																																										
		Note <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.3/16). • For accessories, see page 17.3/24. 																																														





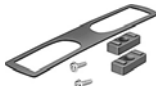

Assembly kits for unequipped distribution boards










Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG												
 8GK4801-2KK12		Assembly kits for bus-mounting fuse bases for mounting on busbar systems <ul style="list-style-type: none"> • 3-pole, busbar center-to-center spacing of 60 mm • Assembly kits for individual and project-related assembly, comprising: Front cover including supports, busbar supports for bus-mounting fuse bases, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports • 7 × NEOZED D02 <table border="1"> <thead> <tr> <th colspan="2">External dimensions in mm</th> </tr> <tr> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td>300</td> <td>250</td> </tr> <tr> <td>450</td> <td>250</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> • Busbar supports must be ordered separately. • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.3/16). • The Cu busbar must be ordered separately (see page 17.3/26). • For accessories, see page 17.3/24. 	External dimensions in mm		Height	Width	300	250	450	250								
External dimensions in mm																		
Height	Width																	
300	250																	
450	250																	
		8GK4801-2KK12 8GK4801-3KK12		1 1	1 unit 1 unit	039 039												
 8GK4801-2KK13		Assembly kits for busbar-adaptable units <ul style="list-style-type: none"> • For 40 mm or 60 mm busbar system • Busbar center-to-center spacing of 40 mm/60 mm • Assembly kits for individual and project-related assembly, comprising: deep-drawn front cover with supports • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports <table border="1"> <thead> <tr> <th colspan="2">External dimensions in mm</th> </tr> <tr> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td rowspan="3">300</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="3">450</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> • Busbar supports (8GK9711-0KK03) not included in delivery. • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.3/16). • The Cu busbar and the busbar supports must be ordered separately (see page 17.3/26). 	External dimensions in mm		Height	Width	300	250	500	750	450	250	500	750				
External dimensions in mm																		
Height	Width																	
300	250																	
	500																	
	750																	
450	250																	
	500																	
	750																	
		8GK4801-2KK13 8GK4801-2KK23 8GK4801-2KK33 8GK4801-3KK13 8GK4801-3KK23 8GK4801-3KK33		1 1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	039 039 039 039 039 039 039												
 8US1922-2EA00		Supports for blanking cover		1	4 units	143												
 8US1922-2EB00		Blanking covers		1	2 units	143												

ALPHA 400 Distribution Boards

Accessories







Selection and ordering data





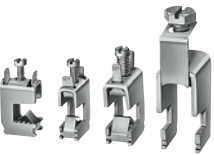

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG																													
For assembly kits																																			
 8GK9912-0KK00		3NP1123... cover, size 000	8GK9912-0KK00	1	1 unit	039																													
 3NY7600		Shrouding covers, for 3NP4076 fuse switch disconnectors	3NY7600	1	1 unit	103																													
For unequipped distribution boards																																			
 8GK9912-0KK10		Wall-mounting rails <ul style="list-style-type: none"> For all wall-mounted distribution boards The distribution board can be quickly and precisely mounted by a single person <table border="1"> <thead> <tr> <th>Length in mm</th> <th>Article No.</th> <th>PU</th> <th>PS*/P. unit</th> <th>PG</th> </tr> </thead> <tbody> <tr> <td>250</td> <td>8GK9912-0KK10</td> <td>1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>500</td> <td>8GK9912-0KK20</td> <td>1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>750</td> <td>8GK9912-0KK30</td> <td>1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>1000</td> <td>8GK9912-0KK40</td> <td>1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>1250</td> <td>8GK9912-0KK50</td> <td>1</td> <td>1 unit</td> <td>039</td> </tr> </tbody> </table>	Length in mm	Article No.	PU	PS*/P. unit	PG	250	8GK9912-0KK10	1	1 unit	039	500	8GK9912-0KK20	1	1 unit	039	750	8GK9912-0KK30	1	1 unit	039	1000	8GK9912-0KK40	1	1 unit	039	1250	8GK9912-0KK50	1	1 unit	039			
Length in mm	Article No.	PU	PS*/P. unit	PG																															
250	8GK9912-0KK10	1	1 unit	039																															
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1000	8GK9912-0KK40	1	1 unit	039																															
1250	8GK9912-0KK50	1	1 unit	039																															
		Cabinet mounting lugs, flat <table border="1"> <thead> <tr> <th>Versions</th> <th>Article No.</th> <th>PU</th> <th>PS*/P. unit</th> <th>PG</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> For mounting and fixing a distribution board directly against the wall without a clearance (1 set = 4 lugs including screws) </td> <td>8GK9910-0KK36</td> <td>1</td> <td>5 sets</td> <td>039</td> </tr> <tr> <td> <ul style="list-style-type: none"> For connecting 2 distribution boards and for mounting and fixing them directly against the wall without a clearance, 8GK9910-0KK36 is additionally required for the ends of a row of distribution boards (1 set = 2 lugs including screws) </td> <td>8GK9910-0KK37</td> <td>1</td> <td>1 set</td> <td>039</td> </tr> </tbody> </table>	Versions	Article No.	PU	PS*/P. unit	PG	<ul style="list-style-type: none"> For mounting and fixing a distribution board directly against the wall without a clearance (1 set = 4 lugs including screws) 	8GK9910-0KK36	1	5 sets	039	<ul style="list-style-type: none"> For connecting 2 distribution boards and for mounting and fixing them directly against the wall without a clearance, 8GK9910-0KK36 is additionally required for the ends of a row of distribution boards (1 set = 2 lugs including screws) 	8GK9910-0KK37	1	1 set	039																		
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<ul style="list-style-type: none"> For connecting 2 distribution boards and for mounting and fixing them directly against the wall without a clearance, 8GK9910-0KK36 is additionally required for the ends of a row of distribution boards (1 set = 2 lugs including screws) 	8GK9910-0KK37	1	1 set	039																															
		Hollow wall sets For fixing flush-mounting distribution boards in hollow walls	8GK9910-0KK28	1	1 set	039																													
		Locking systems <table border="1"> <thead> <tr> <th>Versions</th> <th>Article No.</th> <th>PU</th> <th>PS*/P. unit</th> <th>PG</th> </tr> </thead> <tbody> <tr> <td> <ul style="list-style-type: none"> Standard locking devices <ul style="list-style-type: none"> Color: black Made of plastic With rotary handle for wall-mounted distribution boards, degree of protection, IP43 Cannot be retrofitted to other locking devices </td> <td>8GK9560-0KK04</td> <td>1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td> <ul style="list-style-type: none"> Retrofit kits <ul style="list-style-type: none"> For standard locking device to degree of protection IP55 Can only be used for distribution boards with degree of protection IP55 </td> <td>8GK9560-0KK05</td> <td>1</td> <td>1 set</td> <td>039</td> </tr> <tr> <td> <ul style="list-style-type: none"> Rotary handle locking device, for profile semi-cylinders <ul style="list-style-type: none"> Color: black For wall-mounted distribution boards with degree of protection IP43/IP55, with mounting option for a profile semicylinder (length 40 mm) </td> <td>8GK9560-0KK06</td> <td>1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td> <ul style="list-style-type: none"> Lockable rotary handles <ul style="list-style-type: none"> Including E012 lock and two keys </td> <td>8GK9560-0KK13</td> <td>1</td> <td>1 unit</td> <td>039</td> </tr> </tbody> </table>	Versions	Article No.	PU	PS*/P. unit	PG	<ul style="list-style-type: none"> Standard locking devices <ul style="list-style-type: none"> Color: black Made of plastic With rotary handle for wall-mounted distribution boards, degree of protection, IP43 Cannot be retrofitted to other locking devices 	8GK9560-0KK04	1	1 unit	039	<ul style="list-style-type: none"> Retrofit kits <ul style="list-style-type: none"> For standard locking device to degree of protection IP55 Can only be used for distribution boards with degree of protection IP55 	8GK9560-0KK05	1	1 set	039	<ul style="list-style-type: none"> Rotary handle locking device, for profile semi-cylinders <ul style="list-style-type: none"> Color: black For wall-mounted distribution boards with degree of protection IP43/IP55, with mounting option for a profile semicylinder (length 40 mm) 	8GK9560-0KK06	1	1 unit	039	<ul style="list-style-type: none"> Lockable rotary handles <ul style="list-style-type: none"> Including E012 lock and two keys 	8GK9560-0KK13	1	1 unit	039								
Versions	Article No.	PU	PS*/P. unit	PG																															
<ul style="list-style-type: none"> Standard locking devices <ul style="list-style-type: none"> Color: black Made of plastic With rotary handle for wall-mounted distribution boards, degree of protection, IP43 Cannot be retrofitted to other locking devices 	8GK9560-0KK04	1	1 unit	039																															
<ul style="list-style-type: none"> Retrofit kits <ul style="list-style-type: none"> For standard locking device to degree of protection IP55 Can only be used for distribution boards with degree of protection IP55 	8GK9560-0KK05	1	1 set	039																															
<ul style="list-style-type: none"> Rotary handle locking device, for profile semi-cylinders <ul style="list-style-type: none"> Color: black For wall-mounted distribution boards with degree of protection IP43/IP55, with mounting option for a profile semicylinder (length 40 mm) 	8GK9560-0KK06	1	1 unit	039																															
<ul style="list-style-type: none"> Lockable rotary handles <ul style="list-style-type: none"> Including E012 lock and two keys 	8GK9560-0KK13	1	1 unit	039																															
 8GK9560-0KK04																																			
 8GK9560-0KK05																																			
 8GK9560-0KK06																																			
		Accessories Spare key for E012 lock	8GF9390-2	1	1 unit	042																													

Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Profile semicylinders						
Versions						
 8GK9560-0KK07		8GK9560-0KK07		1	1 unit	039
 8GK9560-0KK08		8GK9560-0KK08		1	1 unit	039
 8GK9560-0KK10		8GK9560-0KK10		1	1 unit	039
Flanges						
For fast and correct wiring						
Versions						
 8GK9100-0KK00		8GK9100-0KK00		1	1 unit	039
 8GK9100-0KK01		8GK9100-0KK01		1	1 unit	039
 8GK9100-0KK03		8GK9100-0KK03		1	1 unit	039
 8GK9100-0KK10		8GK9100-0KK10		1	1 unit	039
Circuit diagram pockets						
Versions						
 8GK9910-0KK23		8GK9910-0KK22		1	1 unit	039
		8GK9910-0KK23		1	20 units	039
		8GD9132		1	1 unit	042
 8GD9084		8GD9084		1	1 unit	042
 8GK9120-0KK30		8GK9120-0KK30		1	4 units	038

ALPHA 400 Distribution Boards



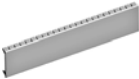
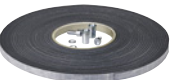
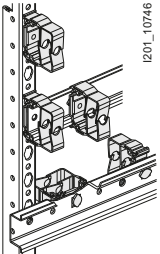



Accessories


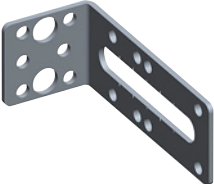
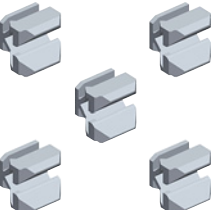
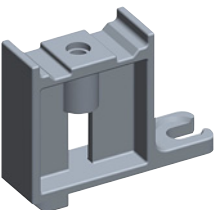
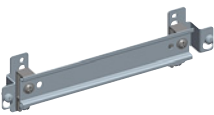
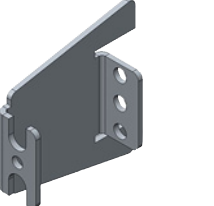
Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	
For quick-assembly kits and assembly kits							
 8GS4016-1	Mounting plates for telecommunication units						
	<ul style="list-style-type: none"> Made of perforated steel plate With insert nuts and quick-locking technology With 1 set of captive nuts size M5, width 250 mm 						
	Height in mm						
	900	8GS4016-1	1	1 unit	043		
1050	8GS4016-2	1	1 unit	043			
1200	8GS4016-3	1	1 unit	043			
1350	8GS4016-4	1	1 unit	043			
 8GK9650-0KK00  8GK9711-0KK03	Busbar supports						
	With matching support plate						
	Versions						
	<ul style="list-style-type: none"> 1-pole <ul style="list-style-type: none"> For Cu busbars 12 × 5 (10) mm, 20 × 5 (10) mm, 30 × 5 (10) mm Height 150 mm 		5SH3540	1	1 unit	031	
	<ul style="list-style-type: none"> 5-pole <ul style="list-style-type: none"> Busbar center-to-center spacing of 40 mm For Cu busbars 12 × 5 (10) mm For mounting 3NP fuse switch disconnectors Height 300 mm 		8GK9650-0KK00	1	1 unit	039	
<ul style="list-style-type: none"> 3-pole <ul style="list-style-type: none"> Busbar center-to-center spacing of 60 mm For Cu busbars 12 × 5 (10) mm, 20 × 5 (10) mm, 30 × 5 (10) mm For bus-mounting fuse bases and switch disconnectors, used together with assembly kits (mounting directly on the stays) 		8GK9711-0KK03	1	1 unit	039		
<ul style="list-style-type: none"> 4-pole <ul style="list-style-type: none"> Busbar center-to-center spacing of 60 mm For Cu busbars 12 × 5 (10) mm, 30 × 5 (10) mm, Interior mounting Width: 20 mm 		8US1923-4AA00	1	10 units	143		
 8GK973.	Cu busbars						
	Versions						
	<ul style="list-style-type: none"> Cu cross-section of 12 × 5 mm, 250 A <ul style="list-style-type: none"> Length 250 mm Length 500 mm Length 750 mm Length 1000 mm Length 1250 mm 		8GK9731-0KK10 8GK9731-0KK20 8GK9731-0KK30	1 1 1	5 units 5 units 5 units	039 039 039	
	<ul style="list-style-type: none"> Cu cross-section of 20 × 5 mm, 320 A <ul style="list-style-type: none"> Length 250 mm Length 500 mm Length 750 mm Length 1000 mm Length 1250 mm 		8GK9733-0KK10 8GK9733-0KK20 8GK9733-0KK30	1 1 1	5 units 5 units 5 units	039 039 039	
	<ul style="list-style-type: none"> Cu cross-section of 30 × 5 mm, 450 A <ul style="list-style-type: none"> Length 250 mm Length 500 mm Length 750 mm Length 1000 mm Length 1250 mm 		8GK9735-0KK10 8GK9735-0KK20 8GK9735-0KK30	1 1 1	5 units 5 units 5 units	039 039 039	
	<ul style="list-style-type: none"> Cu cross-section of 12 × 5 mm, 250 A <ul style="list-style-type: none"> Length 250 mm Length 500 mm Length 750 mm Length 1000 mm Length 1250 mm 		8GK9731-0KK40 8GK9731-0KK50	1 1	5 units 5 units	039 039	
	<ul style="list-style-type: none"> Cu cross-section of 20 × 5 mm, 320 A <ul style="list-style-type: none"> Length 250 mm Length 500 mm Length 750 mm Length 1000 mm Length 1250 mm 		8GK9733-0KK10 8GK9733-0KK20 8GK9733-0KK30	1 1 1	5 units 5 units 5 units	039 039 039	
	<ul style="list-style-type: none"> Cu cross-section of 30 × 5 mm, 450 A <ul style="list-style-type: none"> Length 250 mm Length 500 mm Length 750 mm Length 1000 mm Length 1250 mm 		8GK9733-0KK40 8GK9733-0KK50	1 1	5 units 5 units	039 039	
	<ul style="list-style-type: none"> Cu cross-section of 12 × 5 mm, 250 A <ul style="list-style-type: none"> Length 250 mm Length 500 mm Length 750 mm Length 1000 mm Length 1250 mm 		8GK9735-0KK10 8GK9735-0KK20 8GK9735-0KK30	1 1 1	5 units 5 units 5 units	039 039 039	
	<ul style="list-style-type: none"> Cu cross-section of 20 × 5 mm, 320 A <ul style="list-style-type: none"> Length 250 mm Length 500 mm Length 750 mm Length 1000 mm Length 1250 mm 		8GK9735-0KK40 8GK9735-0KK50	1 1	5 units 5 units	039 039	
	 8GK9910-0KK30	Supports for front cover					
		<ul style="list-style-type: none"> Long version Material plastic 1 set = 4 supports 		8GK9910-0KK30	1	5 sets	039
	 8GK9910-0KK11	N/PE bars as plug-in terminals					
		<ul style="list-style-type: none"> Width 250 mm Each with 6 screw terminals from 2.5 to 16 mm² 					
		Versions					
<ul style="list-style-type: none"> 21 plug-in terminals from 1.5 to 4 mm², for mounting on longitudinal stays at a 30° inclination 		8GK9910-0KK11	1	1 unit	039		
<ul style="list-style-type: none"> 21 plug-in terminals from 1.5 to 4 mm² for PE bar and one N-N bar each with 2 screw terminals from 2.5 to 16 mm² and 10 plug-in terminals from 1.5 to 4 mm², for mounting on longitudinal stays at a 30° inclination 		8GK9910-0KK12	1	1 unit	039		

Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 <p>N terminals</p> <ul style="list-style-type: none"> For snap-on mounting onto the standard mounting rail For distributing the neutral conductor when using several RCBBs 2 × screw terminal, conductor cross-section max. 16 mm² 14 × plug-in terminal, conductor cross-section max. 4 mm² 	▶	8GS4034-1		1	1 unit	043
8GS4034-1						
 <p>PE terminals</p> <ul style="list-style-type: none"> For snap-on mounting onto the standard mounting rail 2 × screw terminal, conductor cross-section max. 16 mm² 14 × plug-in terminal, conductor cross-section max. 4 mm² 	▶	8GS4034-2		1	1 unit	043
8GS4034-2						
 <p>N/PE terminals</p> <ul style="list-style-type: none"> For snap-on mounting onto the standard mounting rail For distributing the neutral conductor when using several RCBBs 1 × screw terminal, conductor cross-section max. 16 mm² ¹⁾ 7 × plug-in terminal, conductor cross-section max. 4 mm² ¹⁾ <p>Footnote</p> <p>¹⁾ Per PE or N potential.</p>	▶	8GS4034-3		1	1 unit	043
8GS4034-3						
 <p>N/N terminal</p> <ul style="list-style-type: none"> For snap-on mounting onto the standard mounting rail For distributing the neutral conductor when using several RCBBs 1 × screw terminal, conductor cross-section max. 16 mm² ¹⁾ 7 × plug-in terminal, conductor cross-section max. 4 mm² ¹⁾ <p>Footnote</p> <p>¹⁾ Per PE or N potential.</p>	▶	8GS4034-4		1	1 unit	043
8GS4034-4						
Terminals for circular conductors						
Versions						
 <p>• Busbar thickness 5 mm</p> <ul style="list-style-type: none"> - Conductor cross-section 1.5 ... 16 mm² - Conductor cross-section 1.5 ... 35 mm² - Conductor cross-section 16 ... 70 mm² - Conductor cross-section 16 ... 120 mm² 	▶	8US1921-2AA00		100	100 units	143
	▶	8US1921-2AB00		100	50 units	143
	▶	8US1921-2AD00		1	50 units	143
	▶	8US1921-2AC00		1	50 units	143
8US1921-2AA00 ... AD00						
<ul style="list-style-type: none"> • Busbar thickness 10 mm - Conductor cross-section 1.5 ... 16 mm² - Conductor cross-section 1.5 ... 35 mm² - Conductor cross-section 16 ... 70 mm² - Conductor cross-section 16 ... 120 mm² 	▶	8US1921-2BA00		1	100 units	143
	▶	8US1921-2BB00		1	50 units	143
	▶	8US1921-2BD00		1	50 units	143
	▶	8US1921-2BC00		1	50 units	143
 <p>Replacement door hinges</p> <ul style="list-style-type: none"> For wall/floor-mounted distribution boards 1 set = 2 hinges 		8GK9920-0KK24		1	1 set	038
8GK9920-0KK24						

ALPHA 400 Distribution Boards

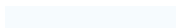





















Accessories

	Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	Partitions <ul style="list-style-type: none"> For the visual and spatial separation of different potentials Material plastic For mounting depth 210 mm 						
	Versions <ul style="list-style-type: none"> Vertical <ul style="list-style-type: none"> Height 300 mm Height 450 mm Height 600 mm Height 750 mm Height 900 mm Height 1050 mm Height 1200 mm Height 1350 mm 		8GK9301-2KK01 8GK9301-3KK01 8GK9101-4KK01 8GK9101-5KK01 8GK9101-6KK01 8GK9101-7KK01 8GK9101-8KK01 8GK9102-8KK01		1 1 1 1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit 1 unit 1 unit 1 unit	039 039 039 039 039 039 039 039 039
	8GK9301-2KK01						
	8GK9103-0KK10		8GK9103-0KK10 8GK9103-0KK20 8GK9103-0KK30		1 1 1	1 unit 1 unit 1 unit	039 039 039
	Blanking strips Color RAL 7035 (light gray)						
	Versions <ul style="list-style-type: none"> For 12 MW (1 MW = 18 mm) Length 1 m without pressure-relief joint, to cut to length 		8GK9910-0KK00 8GK9910-0KK01		1 1	10 units 1 unit	039 039
	8GK9910-0KK00						
	8GK9920-0KK31		8GK9920-0KK31		1	1 unit	039
	Connecting kits, IP43/IP55 <ul style="list-style-type: none"> For side-by-side mounting of enclosures which comprises: <ul style="list-style-type: none"> Screws Washers Nuts 10 m roll of sealing strip 						
	Note A bushing flange is required for electrical connections!						
	8GK9910-0KK80		8GK9910-0KK80		1	200 units	039
	ALPHA assembly tools <ul style="list-style-type: none"> For supports Short and long version With ergonomic handle 		8GK9910-0KK27		1	1 unit	039
	8GK9910-0KK27						
	8GK9910-0KK34		8GK9910-0KK34		1	1 set	039
	Extra-deep brackets <ul style="list-style-type: none"> For recessed installation of stand. mounting rails 1 set = 2 brackets including mounting material 						
	8GK9911-0KK00		8GK9911-0KK00		1	500 units	039
	Screws <ul style="list-style-type: none"> Self-tapping M5 x 10 Large pack: 500 units 						

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG			
 <p>Extra-deep brackets</p> <ul style="list-style-type: none"> • Depth-adjustable • Large pack: 10 units <p>8GK9911-0KK01</p>		8GK9911-0KK01		1	10 units	039			
 <p>Drop-down brackets, universal</p> <ul style="list-style-type: none"> • Large pack: 10 units <p>8GK9911-0KK02</p>		8GK9911-0KK02		1	10 units	039			
 <p>Support extensions</p> <ul style="list-style-type: none"> • 7.5 mm • Large pack: 100 units <p>8GK9911-0KK03</p>		8GK9911-0KK03		1	100 units	039			
 <p>Iso supports</p> <ul style="list-style-type: none"> • For insulated standard mounting rail assembly • Large pack: 50 units <p>Versions in mm</p> <table border="1"> <tr><td>12</td></tr> <tr><td>31.5</td></tr> <tr><td>55.5</td></tr> </table> <p>8GK9911-0KK05</p>	12	31.5	55.5		8GK9911-0KK04 8GK9911-0KK05 8GK9911-0KK06		1	50 units	039
12									
31.5									
55.5									
 <p>Standard mounting rails, lowered</p> <p>Width in mm</p> <table border="1"> <tr><td>250</td></tr> <tr><td>500</td></tr> <tr><td>750</td></tr> </table> <p>8GK9910-0KK35</p>	250	500	750		8GK9910-0KK35 8GK9910-0KK40 8GK9910-0KK41		1	1 unit	039
250									
500									
750									
 <p>Stay supports</p> <ul style="list-style-type: none"> • For depth of 210 mm when mounting stays are to be shifted forward by 55 mm • Note: Necessary whenever standard mounting rails are mounted directly on the stays <p>8GK9910-0KK38</p>		8GK9910-0KK38		1	20 units	039			

ALPHA 400 Distribution Boards

Special colors option

Special colors	Color designation	Option	ALPHA 400
			Surcharge
	RAL 9016 smooth matt	C10	None
	RAL 7035 light gray smooth matt	C11	None
	RAL 7035 light gray semi-gloss textured	C12	✓
	RAL 7032 pebble gray semi-gloss textured	C13	✓
	RAL 7038 agate gray semi-gloss textured	C14	✓
	RAL 9010 pure white semi-gloss smooth	C15	✓
	SN 610 Siemens white semi-gloss textured	C16	✓
	SN 610 Siemens white silky gloss textured	C17	✓
	RAL 9002 gray white semi-gloss smooth	C18	✓
	RAL 9002 gray white matt coarse texture	C19	✓
	RAL 9003 signal white textured semi-gloss	C20	✓
	RAL 9001 cream semi-gloss smooth	C21	✓
	RAL 5017 traffic blue coarse texture silky gloss	C22	✓
	RAL 5005 signal blue semi-gloss smooth	C23	✓
	RAL 5010 gentian blue semi-gloss smooth	C24	✓
	RAL 2000 yellow orange semi-gloss smooth	C25	✓
	RAL 6018 yellow green semi-gloss smooth	C26	✓
	RAL 1003 signal yellow semi-gloss smooth	C27	✓
	RAL 7033 cement gray semi-gloss textured	C28	✓
	RAL 9002 gray white smooth silky gloss	C29	✓
	RAL 9010 pure white semi-gloss textured	C30	✓
	RAL 3000 flame red coarse texture silky gloss	C31	✓

ALPHA 630 Distribution Boards

**NEW**

Direct reference to the products in the Industry Mall from the selection and ordering data tables:

Article No.
[www.siemens.com/
 product?Article No.](http://www.siemens.com/product?ArticleNo.)

3KD2832-0NE10-0

Paper catalog:
 To get more
 product information
 enter the Web
 address plus
 Article No.



PDF catalog:
 Get more product information
 with just a mouse click.

17.4/2 Introduction

17.4/7 **Unequipped distribution boards**
 8GK1 surface-mounting distribution
 boards, IP43

17.4/8 8GK1 surface-mounting distribution
 boards, IP55

17.4/10 Marshaling boxes

17.4/11 **Assembly kits for unequipped
 distribution boards**

17.4/18 Accessories

17.4/24 **Accessories – Ordering large
 quantities**

17.4/26 Special colors option

**For further technical
 product information:**

Service & Support Portal:

[www.siemens.com/lowvoltage/product-
 support](http://www.siemens.com/lowvoltage/product-support)






→ Product list:
 Technical specifications

→ Entry list:
 Certificates / Characteristics /
 Download / FAQ / Manuals /
 Updates

ALPHA 630 Distribution Boards

Introduction

Overview

	Devices	Page	Surface-mounting distribution boards	Flush-mounting distribution boards	Rated current	Cubicle depth	Safety class		
							A	mm	1
	ALPHA SIMBOX small distribution boards	SIMBOX XL small distribution boards:							
		• Flush-mounting and hollow-wall distribution boards	17.1/6	--	✓	63	88 ¹⁾	--	✓
		• Surface-mounting distribution boards, IP30	17.1/9	✓	--	63	99	--	✓
	ALPHA 160 DIN technology distribution boards	SIMBOX WP small distribution boards:							
		• Surface-mounting distribution boards, IP65	17.1/14	✓	--	63	100/140/160	--	✓
		Cubicle, partially equipped	17.2/6	✓	✓	160	140	--	✓
	ALPHA 400 DIN technology distribution boards	Unequipped distribution board, flat pack	17.3/9	✓	--	400	210	✓	✓
		Unequipped distribution board, pre-assembled	17.3/10	✓	✓	400	210	✓	✓
	ALPHA 630 DIN technology distribution boards	Unequipped distribution board, flat pack	17.4/7	✓	--	630	210	✓	✓
		Unequipped distribution board, pre-assembled	17.4/7	✓	--	630	210/250/320	✓	✓
		Unequipped distribution board, pre-assembled, with open side panels	17.4/8	✓	--	630	250/320	✓	--
	ALPHA AS DIN technology distribution boards	Unequipped distribution board, pre-assembled	17.5/7	✓	--	1250	400	✓	--

¹⁾ Mounting depth

Degree of protection	VDE	EN	DIN	IEC
IP30	DIN VDE 0603	--	DIN 43871	IEC 61439-1/-3
IP65	DIN VDE 0603-1, VDE 0660-500/-504	EN 61439-1/-3	DIN 43871	IEC 60439-1/-3
IP31 / IP43 / IP44	VDE 0660-600-1/-3	EN 61439-1/-3	--	IEC 61439-1/-3
IP43	VDE 0660-600-1/-2/-3	EN 61439-1/-2/-3	--	IEC 61439-1/-2/-3
IP31 / IP43 / IP55				
IP43	VDE 0660-600-1/-2	EN 61439-1/-2	--	IEC 61439-1/-2
IP43 / IP55				
IP55				
IP55	VDE 0660-600-1/-2	EN 61439-1/-2	--	Type verification according to IEC 61439-1/-2

ALPHA 630 Distribution Boards

Introduction

System

The modular design of our Siemens distribution board system draws on our decades of experience.

This system has been tailored to meet individual requirements for distribution board installation.

The system includes unequipped distribution boards as flat packs (delivered in individual parts for customer assembly, [see also Part 3](#)) in degree of protection IP43, unequipped distribution boards ready assembled in degree of protection IP55, assembly kits for project-related and individual compilation, and a comprehensive range of accessories.

Enclosures

- Material: Electrogalvanized and powder-coated sheet steel
- Sheet thickness, degree of protection IP43/IP55: Body 1 mm, door 1 mm
- Color: RAL 7035 (light gray), further RAL colors available on request. [For special colors](#), see page [17.4/26](#).

Assembly kits

The assembly kits are made of sendzimir-galvanized sheet steel and are equipped with molded-plastic covers for a wide range of equipping options, e.g. with switching devices and modular installation devices.

The largest controls that can be installed in the ALPHA 630 DIN technology distribution boards are the Siemens controls up to a maximum rated current of 630 A.

Cabinet dimensions

All dimensions in mm

- Height:
 - Internal dimensions: 1800
 - External dimension with base: 1950
- Width (internal/external dimensions): 250/300, 500/550, 750/800, 1000/1050, 1250/1300
- Depth (external dimension): 210, 250, 320
- Assembly kits in panel-size grid dimensions, height × width: 150 × 250.

Benefits

- Plan and configure quickly, simply and conveniently with the SIMARIS ConFIGuration Basic software.
- Delivery options:
 - Flat pack (assembly kit for self-assembly)
 - Unequipped distribution board - pre-assembled
 - The cabinet-high quick-assembly kits and the assembly kits can be mounted directly onto the platform (rear panel)
 - **Additional mounting stays are required for mounting the assembly kits! 2 longitudinal stays per panel width must be ordered separately for the assembly kits.**
- Easy planning thanks to modular design
- Ample wiring space behind the standard mounting rail
- Extensive range of assembly kits for Siemens switching devices and modular installation devices for individual and project-related composition
- Easy assembly thanks to keyhole-fastened components and modules with quick-acting locks
- System concept according to DIN, EN and VDE standards
- Solid sheet-steel enclosure
- Degrees of protection: IP43 and IP55
- Safety class 1 (protective conductor connection) and safety class 2 (total insulation)
- High-quality surface finish: distribution boards made of electrogalvanized and powder-coated sheet steel, system components made of sendzimir-galvanized sheet steel, galvanized and transparently chromated small components and screws
- Doors can be hinged on the right or left
- Door opening angle of 170°
- Replaceable locking systems (accessories)
- Front cover with sealable 90° quick-acting locks
- Environmentally-friendly and recyclable plastics

Application

The ALPHA 630 DIN technology distribution boards are used for all applications for which the ALPHA 400 DIN technology distribution boards do not provide sufficient equipping or wiring space, e.g. in administrative, non-residential, commercial and industrial buildings.

They round off the Siemens distribution board product range with three different mounting depths: 210 mm, 250 mm and 320 mm.

The distribution board and its components are of modular design.

With just a few standard components, it is possible to achieve a wide range of project-related mounting and equipping options.

The ALPHA 630 DIN technology distribution board range comprises wall-mounted distribution boards with up to 12 MW per installation devices, each with 12 MW per mounting width (250 mm). The standard mounting rail tier spacing is 150 mm. A total of 5 cabinet mounting widths are available, each with an internal dimension of 250 mm.

The distribution boards are designed to meet safety class 1 (protective conductor connection) and safety class 2 (total insulation). For floor-mounted distribution boards the standard degrees of protection are IP43 with a depth of 210 mm (flat pack: delivery in individual parts) and IP55 (unequipped distribution board, pre-assembled) with depths of 250 mm and 320 mm. The rated current is 630 A.

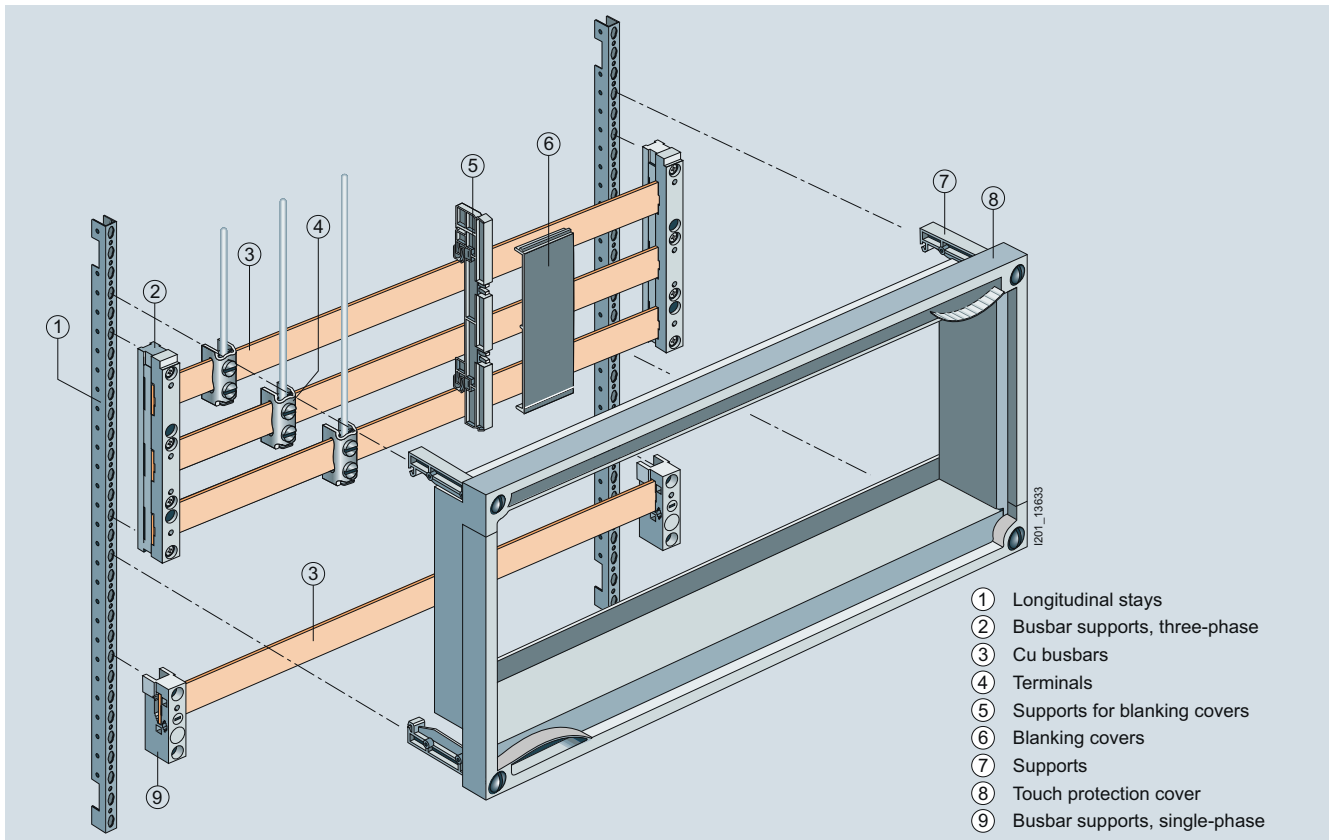
40 mm or 60 mm busbar systems with dimensions up to 30 mm × 10 mm can be installed.

The modular design of the board enables easy planning, configuration, calculation, ordering and mounting.

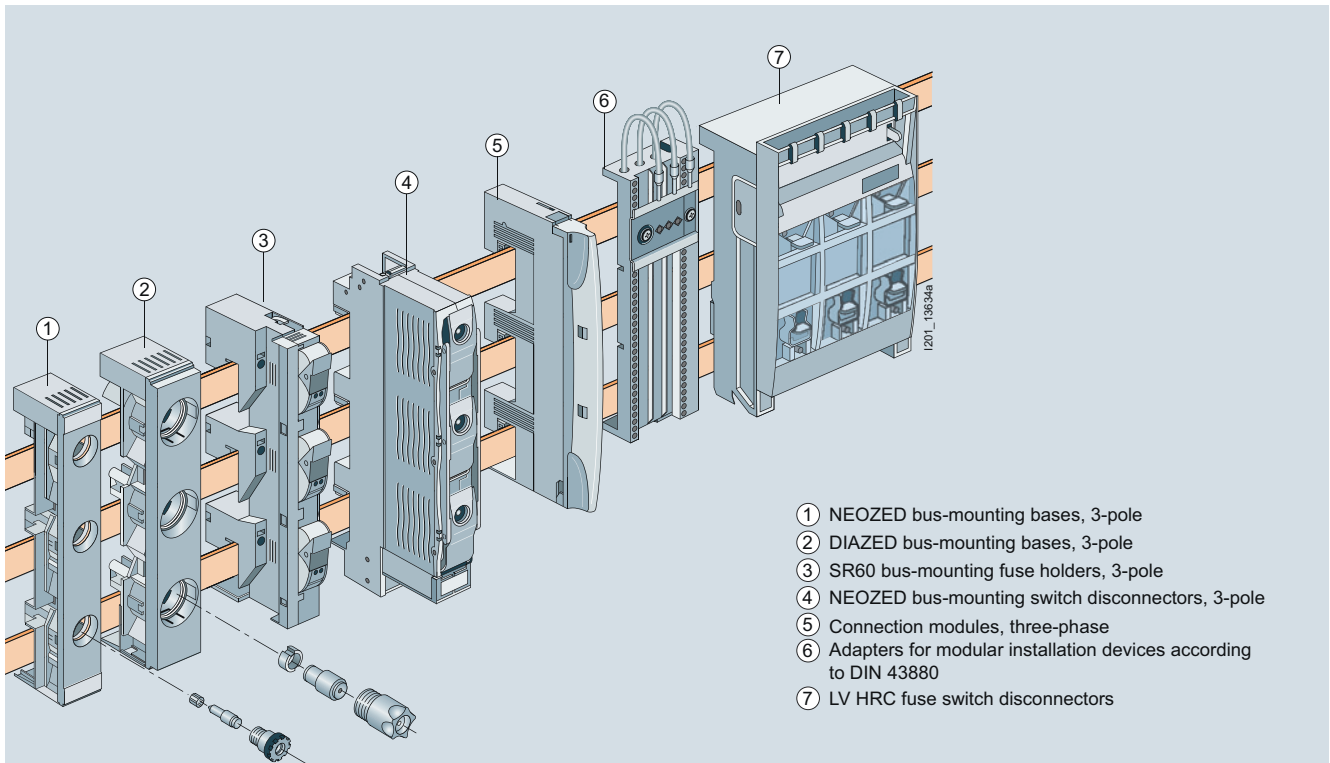
Assembly kits that only require a one-size screwdriver for assembly are available for all mountable switching and modular installation devices.



Design



Distribution board components for the SR60 busbar system, 60 mm



Built-in components for the SR60 busbar system, 60 mm

ALPHA 630 Distribution Boards

Introduction

Technical specifications

Overvoltage category	III
Rated impulse withstand voltage U_{imp} in kV	6
Clearance and creepage distances	EN 60664-1
Rated insulation voltage U_i in V	690
Rated operational voltage U_e in V AC/DC	690
Rated voltage U_n (40 Hz ... 60 Hz AC) in V	690 for built-in devices
Rated current in A	Up to 630
Rated peak short-circuit current I_{pk} in kA	Up to 76 (3-pole) ²⁾
Rated short-time current I_{cw} in kA	34, conduction interval of 1 s
Protective measures	Safety class 1 (protective conductor connection) Safety class 2 (total insulation)
Number of conductors in the busbar run	4/5
Degree of protection acc. to EN 60529	IP43 with door, IP55 with door (with matching flanges)
Standard mounting rail tier spacing per standard mounting rail tier in mm	150
Modular width (MW)	18 mm, 12 MW + 1 mountable MW
Pollution degree	3
Ambient temperature in °C	35 (24-h mean value)
Relative air humidity in %	50 at 40 °C
Test specifications	EN 61439-1/-2 (VDE 0660-600-1/-2)
Enclosure	Sheet steel
Mounting dimensions	DIN 43870
Surface	Electrogalvanized and powder-coated
Color ¹⁾	RAL 7035 (light gray)
Lock	3-point locking with integrated espagnolette lock (can be replaced with other locking systems if required)
Packing material	Shock-proof, environmentally-friendly

¹⁾ Further RAL colors are available on request. For special colors, see page 17.4/26.

²⁾ Busbar support spacing: 250 mm, Cu busbars 30 mm × 10 mm.

Cabinet dimensions

Cabinet (external dimensions)		
Height	Width	Depth
mm	mm	mm
1950 with base (100 mm)	300	210
	550	
	800	
	1050	
	1300	
1950 with base (100 mm)	300	250
	550	
	800	
	1050	
	1300	
1950 with base (100 mm)	300	320
	550	
	800	
	1050	
	1300	

ALPHA 630 Distribution Boards


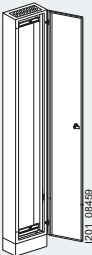
Unequipped Distribution Boards

8GK1 surface-mounting distribution boards, IP43

Overview


- Delivery options:
 - Flat pack (assembly kit for self-assembly)
 - Unequipped distribution board - pre-assembled
 - The cabinet-high quick-assembly kits and the assembly kits can be mounted directly onto the platform (rear panel)
 - **Additional mounting stays are required for mounting the assembly kits! 2 longitudinal stays per panel width must be ordered separately for the assembly kits.**
- Cabinet depth of 210 mm
- Safety class 1 (protective conductor) and 2 (total insulation)
- Degree of protection IP43
- Color RAL 7035 (light gray)
- For **special colors**, see page 17.4/26
- Unassembled enclosure (with base) with unassembled enclosed door or pre-assembled enclosure (with base) complete with door and espagnolette lock, which can be replaced with other locking systems. Distribution boards with a width of 750 mm/800 mm or more will be supplied with a double door.
- Flanges: one 2-component flange at the top per panel width

Selection and ordering data

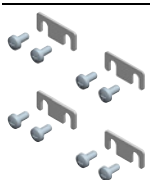
Internal/external dimensions with base		Panel width	Surface-mounting distribution boards											
Height	Width		DT	Safety class 1			Safety class 2							
mm	mm		Article No. www.siemens.com/product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	DT	Article No. www.siemens.com/product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG	
Cabinet depth of 210 mm														
Type of delivery: Flat pack, degree of protection IP43														
1800/1950	250/300	<input type="checkbox"/>	8GK1302-8KK12		1	1 unit	039		8GK1312-8KK12		1	1 unit	039	
	500/550	<input type="checkbox"/>	8GK1302-8KK22		1	1 unit	039		8GK1312-8KK22		1	1 unit	039	
	750/800	<input type="checkbox"/>	8GK1302-8KK32		1	1 unit	039		8GK1312-8KK32		1	1 unit	039	
	1000/1050	<input type="checkbox"/>	8GK1302-8KK42		1	1 unit	039		8GK1312-8KK42		1	1 unit	039	
	1250/1300	<input type="checkbox"/>	8GK1302-8KK52		1	1 unit	039		8GK1312-8KK52		1	1 unit	039	
Cabinet depth of 210 mm														
Delivery as pre-assembled unequipped distribution board, degree of protection IP43														
1800/1950	250/300	<input type="checkbox"/>	8GK1322-8KK12		1	1 unit	039		8GK1332-8KK12		1	1 unit	039	
	500/550	<input type="checkbox"/>	8GK1322-8KK22		1	1 unit	039		8GK1332-8KK22		1	1 unit	039	
	750/800	<input type="checkbox"/>	8GK1322-8KK32		1	1 unit	039		8GK1332-8KK32		1	1 unit	039	
	1000/1050	<input type="checkbox"/>	8GK1322-8KK42		1	1 unit	039		8GK1332-8KK42		1	1 unit	039	
	1250/1300	<input type="checkbox"/>	8GK1322-8KK52		1	1 unit	039		8GK1332-8KK52		1	1 unit	039	

Version	DT	Article No.	Price per PU	PU (UNIT, SET, M)	PS*/P. unit	PG
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Accessories

	Longitudinal stays <ul style="list-style-type: none"> • To mount the assembly kits in unequipped distribution boards, 2 longitudinal stays are required for each assembly kit width • Height 1800 mm, width 210 mm • 1 set = 2 stays 	8GK4853-8KK00		1	1 set	039
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8GK4853-8KK00



8GK9910-0KK32

Connecting kits for longitudinal stays <ul style="list-style-type: none"> • Connecting plate for stays • 1 set = 4 units 	8GK9910-0KK32		1	1 unit	039
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For assembly kits, see page 17.4/11 onwards.

For accessories, see page 17.4/18 onwards.

* You can order this quantity or a multiple thereof.

ALPHA 630 Distribution Boards

























Unequipped Distribution Boards

8GK1 surface-mounting distribution boards, IP55

Overview

- Type of delivery: Unequipped distribution board – pre-assembled
- Cabinet depths: 250 mm and 320 mm
- Safety class 1 (protective conductor connection) and safety class 2 (total insulation)
- IP55 degree of protection
- Color RAL 7035 (light gray)
- For special colors, see page 17.4/26
- Unassembled enclosure (with base) with unassembled enclosed door or pre-assembled enclosure (with base) complete with door and espagnolette lock, which can be replaced with other locking systems. Distribution boards with a width of 750 mm/800 mm or more will be supplied with a double door.
- SCII flange:
 - Depth 250 mm: per panel width, one 2-component flange each at the top and bottom
 - Depth 320 mm: per panel width, two 2-component flanges each at the top and bottom
- SCI flange:
 - Depth 250 mm: per panel width, one 2-component flange each at the top
 - Depth 320 mm: Two 2-component flanges per panel width at the top (to achieve degree of protection IP55, a 2-component flange is also required at the bottom; please order separately if required)



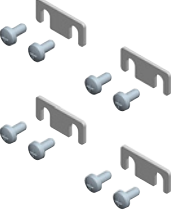

Selection and ordering data

Internal/external dimensions		Panel width	ALPHA 630 DIN technology distribution board, delivery as pre-assembled unequipped distribution board, degree of protection: IP55, color: RAL 7035												
Height	Width	DT	Safety class 1			PU (UNIT, SET, M)	PS*/P. unit	PG	DT	Safety class 2			PU (UNIT, SET, M)	PS*/P. unit	PG
			Article No.	Price per PU					Article No.	Price per PU					
			www.siemens.com/product?ArticleNo.						www.siemens.com/product?ArticleNo.						
With closed side panel, cabinet depth 250 mm															
 8GK1323-8KN23	1800/1950	300		8GK1323-8KN13		1	1 unit	039	8GK1333-8KN13		1	1 unit	039		
		550		8GK1323-8KN23		1	1 unit	039	8GK1333-8KN23		1	1 unit	039		
		800		8GK1323-8KN33		1	1 unit	039	8GK1333-8KN33		1	1 unit	039		
		1050		8GK1323-8KN43		1	1 unit	039	8GK1333-8KN43		1	1 unit	039		
		1300		8GK1323-8KN53		1	1 unit	039	8GK1333-8KN53		1	1 unit	039		
With closed side panel, cabinet depth 320 mm															
 8GK1323-8KN23	1800/1950	300		8GK1323-8KN14		1	1 unit	039	8GK1333-8KN14		1	1 unit	039		
		550		8GK1323-8KN24		1	1 unit	039	8GK1333-8KN24		1	1 unit	039		
		800		8GK1323-8KN34		1	1 unit	039	8GK1333-8KN34		1	1 unit	039		
		1050		8GK1323-8KN44		1	1 unit	039	8GK1333-8KN44		1	1 unit	039		
		1300		8GK1323-8KN54		1	1 unit	039	8GK1333-8KN54		1	1 unit	039		
With open side panel, cabinet depth 250 mm															
 8GK1323-8KP23	1800/1950	300		8GK1323-8KP13		1	1 unit	039	--						
		550		8GK1323-8KP23		1	1 unit	039	--						
		800		8GK1323-8KP33		1	1 unit	039	--						
		1050		8GK1323-8KP43		1	1 unit	039	--						
		1300		8GK1323-8KP53		1	1 unit	039	--						
With open side panel, cabinet depth 320 mm															
 8GK1323-8KP23	1800/1950	300		8GK1323-8KP14		1	1 unit	039	--						
		550		8GK1323-8KP24		1	1 unit	039	--						
		800		8GK1323-8KP34		1	1 unit	039	--						
		1050		8GK1323-8KP44		1	1 unit	039	--						
		1300		8GK1323-8KP54		1	1 unit	039	--						

ALPHA 630 Distribution Boards

Unequipped Distribution Boards

8GK1 surface-mounting distribution boards, IP55

Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG																														
 <p>Side panel</p> <ul style="list-style-type: none"> • Color: gray • Depth 250/320 mm 		8GK9520-0KK03		1	1 set	039																														
8GK9520-0KK03																																				
Accessories																																				
 <p>Longitudinal stays (latchable pivot stays)</p> <ul style="list-style-type: none"> • In order to mount the assembly kits in unequipped distribution boards, 2 longitudinal stays are required for each assembly kit width • Height 1800 mm • Depth 250/320 mm • 1 set = 2 stays 		8GK4853-8KK02		1	1 set	039																														
8GK4853-8KK02																																				
 <p>Connecting kits for longitudinal stays</p> <ul style="list-style-type: none"> • Connecting plate for stays • 1 set = 4 units 		8GK9910-0KK32		1	1 unit	039																														
8GK9910-0KK32																																				
 <p>Masking frames</p> <ul style="list-style-type: none"> • Sheet steel • For recessed installation of stays • Height 1800 mm <table border="1"> <thead> <tr> <th>Width in mm</th> <th>Article No.</th> <th>PU</th> <th>PS*/P. unit</th> <th>PG</th> </tr> </thead> <tbody> <tr> <td>250</td> <td>8GK9913-0KK10</td> <td>1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>500</td> <td>8GK9913-0KK20</td> <td>1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>750</td> <td>8GK9913-0KK30</td> <td>1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>1000</td> <td>8GK9913-0KK40</td> <td>1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>1250</td> <td>8GK9913-0KK50</td> <td>1</td> <td>1 unit</td> <td>039</td> </tr> </tbody> </table>	Width in mm	Article No.	PU	PS*/P. unit	PG	250	8GK9913-0KK10	1	1 unit	039	500	8GK9913-0KK20	1	1 unit	039	750	8GK9913-0KK30	1	1 unit	039	1000	8GK9913-0KK40	1	1 unit	039	1250	8GK9913-0KK50	1	1 unit	039						
Width in mm	Article No.	PU	PS*/P. unit	PG																																
250	8GK9913-0KK10	1	1 unit	039																																
500	8GK9913-0KK20	1	1 unit	039																																
750	8GK9913-0KK30	1	1 unit	039																																
1000	8GK9913-0KK40	1	1 unit	039																																
1250	8GK9913-0KK50	1	1 unit	039																																
8GK9913-0KK30																																				





















For assembly kits, [see page 17.4/11 onwards](#).

For accessories, [see page 17.4/18 onwards](#).

ALPHA 630 Distribution Boards

Marshaling boxes

Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG			
Surface-mounting distribution boards									
Safety class 1									
<ul style="list-style-type: none"> Marshaling boxes for supporting the incoming/outgoing cables, option for terminal blocks available Large, foamed front cover with fixing screws Color RAL 7035 (light gray) 									
Marshaling box depth in mm	Degree of protection	External dimensions in mm		Panel width					
		Height	Width						
	210	IP43	350	300		8GK1382-0KK12	1	1 unit	039
				550		8GK1382-0KK22	1	1 unit	039
				800		8GK1382-0KK32	1	1 unit	039
				1050		8GK1382-0KK42	1	1 unit	039
				1300		8GK1382-0KK52	1	1 unit	039
	250	IP55	350	300		8GK1383-0KK13	1	1 unit	039
				550		8GK1383-0KK23	1	1 unit	039
				800		8GK1383-0KK33	1	1 unit	039
				1050		8GK1383-0KK43	1	1 unit	039
				1300		8GK1383-0KK53	1	1 unit	039
	320	IP55	350	300		8GK1383-0KK14	1	1 unit	039
				550		8GK1383-0KK24	1	1 unit	039
				800		8GK1383-0KK34	1	1 unit	039
				1050		8GK1383-0KK44	1	1 unit	039
				1300		8GK1383-0KK54	1	1 unit	039
Note									
Flanges and 8GK9 920-0KK31 connecting kit must be ordered separately, see accessories on page 17.4/18.									
Accessories									
	Longitudinal stays, for marshaling boxes					8GK4855-2KK02	1	1 set	039
	<ul style="list-style-type: none"> Stays are available for mounting in the marshaling boxes Height 300 mm, depth 210 mm/250 mm/320 mm 1 set = 2 stays 								
	Replacement door for cabinets								
	Height 1950 mm								
	Width mm	Door version	Door width mm						
	300	Complete	300		8GK9513-8KK10	1	1 unit	039	
	550	Complete	550		8GK9513-8KK20	1	1 unit	039	
	800/1050	Left	525		8GK9513-8KK30	1	1 unit	039	
	800	Right	275		8GK9513-8KK40	1	1 unit	039	
1050/1300	Right	525		8GK9513-8KK50	1	1 unit	039		
1300	Left	775		8GK9513-8KK60	1	1 unit	039		

Accessories

Longitudinal stays, for marshaling boxes

- Stays are available for mounting in the marshaling boxes
- Height 300 mm, depth 210 mm/250 mm/320 mm
- 1 set = 2 stays

8GK4855-2KK02

Replacement door for cabinets






Height 1950 mm

Width mm	Door version	Door width mm		
300	Complete	300		8GK9513-8KK10
550	Complete	550		8GK9513-8KK20
800/1050	Left	525		8GK9513-8KK30
800	Right	275		8GK9513-8KK40
1050/1300	Right	525		8GK9513-8KK50
1300	Left	775		8GK9513-8KK60

8GK9513-8KK10

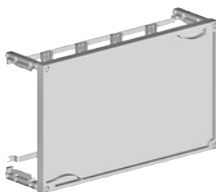
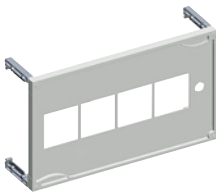
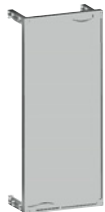
* You can order this quantity or a multiple thereof.

Selection and ordering data

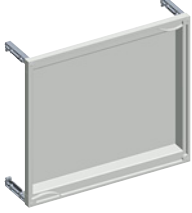
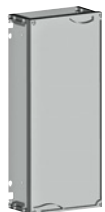

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	
Assembly kits, for modular installation devices <ul style="list-style-type: none"> • Tier spacing of 150 mm, without N/PE bar • Panel-size grid dimensions H × W (mm): 150 × 250 • Assembly kits for individual and project-related assembly, comprising: device racks, front cover including supports, screws and mounting accessories • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 							
		External dimensions in mm		Tiers/MW			
		Height	Width				
 8GK4351-1KK12	150	250	1/12	8GK4351-1KK12 8GK4351-1KK22 8GK4351-1KK32	1	1 unit	039
		500	1/24				
		750	1/36				
 8GK4351-2KK12	300	250	2/24	8GK4351-2KK12 8GK4351-2KK22 8GK4351-2KK32	1	1 unit	039
		500	2/48				
		750	2/72				
 8GK4351-3KK12	450	250	3/36	8GK4351-3KK12 8GK4351-3KK22 8GK4351-3KK32	1	1 unit	039
		500	3/72				
		750	3/108				
 8GK4351-4KK12	600	250	4/48	8GK4351-4KK12 8GK4351-4KK22 8GK4351-4KK32	1	1 unit	039
		500	4/96				
		750	4/144				
Note <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). • The assembly kits with a width of 250 mm are equipped with 7.5 mm standard mounting rails. • The assembly kits with a width of 500/750 mm are equipped with 15 mm standard mounting rails. • For accessories, see page 17.4/21 onwards. 							
Assembly kits for horizontal terminal blocks <ul style="list-style-type: none"> • Terminal blocks with graded insulation design, with closed front cover • Assembly kits for individual and project-related assembly, comprising: device racks, front cover including supports, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 							
 8GK4401-3KK32	External dimensions in mm						
	Height	Width					
	150	250	8GK4401-1KK12				
300	250	8GK4401-2KK12 8GK4401-2KK22 8GK4401-2KK32					
	500	8GK4401-3KK12 8GK4401-3KK22 8GK4401-3KK32					
	750						
450	250	8GK4401-3KK12 8GK4401-3KK22 8GK4401-3KK32					
	500						
	750						
Note <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). 							

ALPHA 630 Distribution Boards

Assembly Kits for Unequipped Distribution Boards

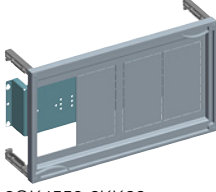
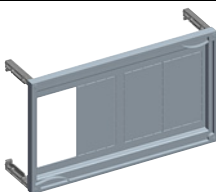
Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG																																																																																																																										
 <p>Assembly kits for vertical terminal blocks</p> <ul style="list-style-type: none"> Terminal blocks, separate design, with closed front cover Assembly kits for individual and project-related assembly, comprising: device racks, front cover including supports, screws and mounting accessories Panel-size grid dimensions H × W (mm): 150 × 250 The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 																																																																																																																																
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 <p>Assembly kit front cover, for measuring devices</p> <p>8GK4500-2KK20</p> <p>1 1 unit 039</p> <p>Note</p> <ul style="list-style-type: none"> For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). For accessories, see page 17.4/21 onwards. 																																																																																																																																
8GK4500-2KK20																																																																																																																																
 <p>Assembly kits for unequipped panels</p> <ul style="list-style-type: none"> Gray Assembly kits for individual and project-related assembly, comprising: front cover including supports, screws and mounting accessories Panel-size grid dimensions H × W (mm): 150 × 250 The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 																																																																																																																																
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Assembly Kits for Unequipped Distribution Boards

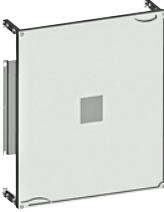



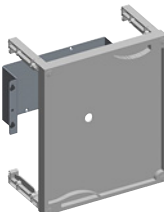
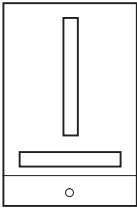
Version	DT	Article No. www.siemens.com/ product?ArticleNo	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG																																																																												
 <p>8GK4501-3KK23</p>	Assembly kits for unequipped panels with deep-drawn cover, 40 mm																																																																																	
	<ul style="list-style-type: none"> • Assembly kits for individual and project-related assembly, comprising: front cover including supports, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 																																																																																	
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<p>Note</p> <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). • For accessories, see page 17.4/21 onwards. 																																																																																		
 <p>8GK4451-4KK12</p>	Assembly kits with mounting plates																																																																																	
	<ul style="list-style-type: none"> • With closed front cover • Assembly kits for individual and project-related assembly, comprising: mounting plate, front cover including supports, mounting brackets (depth-adjustable), screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 																																																																																	
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<p>Note</p> <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). • If the fitted mounting plate extends over several panel widths, it is not possible to place a longitudinal stay in the middle. • For accessories, see page 17.4/21 onwards. 																																																																																		
 <p>8GK9533-0KK10</p>	Cabinet-high mounting plates																																																																																	
	<ul style="list-style-type: none"> • With fixing screws • Sendzimir-galvanized sheet steel • For mounting on longitudinal stays • No covers available 																																																																																	
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		500		492	8GK9533-0KK20	1	1 unit	039																																																																										
		750		742	8GK9533-0KK30	1	1 unit	039																																																																										
		1000		992	8GK9533-0KK40	1	1 unit	039																																																																										
		1250		1242	8GK9533-0KK50	1	1 unit	039																																																																										
<p>Note</p> <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). • If these mounting plates are installed in distribution boards of safety class II, safety class II is no longer guaranteed! • If the fitted mounting plate extends over several panel widths, it is not possible to place a longitudinal stay in the middle. • For accessories, see page 17.4/21 onwards. 																																																																																		

ALPHA 630 Distribution Boards

Assembly Kits for Unequipped Distribution Boards


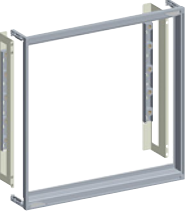

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 <p>Assembly kits for 3NP1 fuse switch disconnectors, for mounting on support plates</p> <ul style="list-style-type: none"> Assembly kits for individual and project-related assembly, comprising: support plate, front cover including supports, molded-plastic masking frame, screws and mounting accessories Panel-size grid dimensions H × W (mm): 150 × 250 The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 						
8GK4550-2KK22						
Number of assembly kits for size	Fuse switch disconnectors	Height in mm	Width in mm			
2 × 00/000	2 × 3NP1123... / 3NP1133...	300	250	8GK4550-2KK12	1	1 unit 039
4 × 00/000	4 × 3NP1123... / 3NP1133...		500	8GK4550-2KK22	1	1 unit 039
1 × 1	1 × 3NP1143...	450	250	8GK4550-3KK12	1	1 unit 039
2 × 1	2 × 3NP1143...		500	8GK4550-3KK22	1	1 unit 039
1 × 2	1 × 3NP1153...	450	250	8GK4551-3KK12	1	1 unit 039
1 × 3	1 × 3NP1163...		500	8GK4551-3KK22	1	1 unit 039
Note						
<ul style="list-style-type: none"> For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). For mounting size 000 fuse switch disconnectors you also need the cover 8GK9912-0KK00 (see pages 17.4/21). For more accessories, see page 17.4/21 onwards. 						
 <p>Assembly kits for 3NP1 fuse switch disconnectors, for mounting on busbars</p> <ul style="list-style-type: none"> Assembly kits for individual and project-related assembly, comprising: front cover including supports, molded-plastic masking frame, screws and mounting accessories Panel-size grid dimensions H × W (mm): 150 × 250 The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 						
8GK4650-2KK12						
Number of assembly kits for size	Fuse switch disconnectors	Height in mm	Width in mm			
2 × 00/000	2 × 3NP1123... / 3NP1133...	300	250	8GK4650-2KK12	1	1 unit 039
4 × 00/000	4 × 3NP1123... / 3NP1133...		500	8GK4650-2KK22	1	1 unit 039
2 × 00/000	2 × 3NP1123... / 3NP1133...	450	250	8GK4650-3KK12	1	1 unit 039
4 × 00/000	4 × 3NP1123... / 3NP1133...		500	8GK4650-3KK22	1	1 unit 039
1 × 1	1 × 3NP1143...	450	250	8GK4651-3KK12	1	1 unit 039
2 × 1	2 × 3NP1143...		500	8GK4651-3KK22	1	1 unit 039
1 × 2	1 × 3NP1153...		250	8GK4652-3KK12	1	1 unit 039
Note						
<ul style="list-style-type: none"> For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). The Cu busbar and the busbar supports must be ordered separately (see page 17.4/22). For mounting size 000 fuse switch disconnectors you also need the cover 8GK9912-0KK00 (see pages 17.4/21). For more accessories, see page 17.4/21 onwards. 						

Assembly Kits for Unequipped Distribution Boards


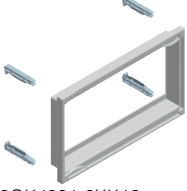


Version	DT	Article No. www.siemens.com/ product?ArticleNo.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	
Assembly kits for 3VL molded case circuit breakers and 3VT switch disconnectors							
<ul style="list-style-type: none"> • Assembly kits for individual and project-related assembly, comprising: support plate, front cover including supports, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 							
Versions		External dimensions in mm					
		Height	Width				
 8GK4704-4KK13	<ul style="list-style-type: none"> • 3- and 4-pole, 3VL molded case circuit breakers - 1 × 3VL160/3VL160X - 1 × 3VL160X, 1 × 3VL160, 1 × 3VL250 - 1 × 3VL400 	300	250	8GK4701-2KK12	1	1 unit	039
		450	250	8GK4701-3KK12	1	1 unit	039
		600	250	8GK4702-4KK12	1	1 unit	039
	<ul style="list-style-type: none"> • 3-pole, 3VL molded case circuit breakers - 1 × 3VL630 	600	250	8GK4703-4KK13	1	1 unit	039
	<ul style="list-style-type: none"> • 4-pole, 3VL molded case circuit breakers - 1 × 3VL630 	600	500	8GK4704-4KK13	1	1 unit	039
 8GK4710-2KK10	<ul style="list-style-type: none"> • 3- and 4-pole, 3VT switch disconnectors - 2 × 3VT 1 - 1 × 3VT 2 - 1 × 3VT 3 	300	250	8GK4710-2KK10	1	1 unit	039
		450	250	8GK4710-3KK10	1	1 unit	039
		600	250	8GK4710-4KK10	1	1 unit	039
 8GK4721-3KK10	<ul style="list-style-type: none"> • For installation with mounted RCD module - 1 × 3VL160X + RCD - 1 × 3VL160/VL250 + RCD - 1 × 3VL400 + RCD 	450	250	8GK4720-3KK10	1	1 unit	039
		450	250	8GK4721-3KK10	1	1 unit	039
		750	250	8GK4720-5KK10	1	1 unit	039
 8GK4722-3KK10	<ul style="list-style-type: none"> • For installation with front-operated rotary operating mechanism - 1 × 3VL160X/3VL160/3VL250¹⁾ - 1 × 3VL400²⁾ - 1 × 3VL630 3-pole²⁾ - 1 × 3VL630 4-pole²⁾ 	450	250	8GK4722-3KK10	1	1 unit	039
		600	250	8GK4722-4KK10	1	1 unit	039
		600	250	8GK4723-4KK10	1	1 unit	039
		600	500	8GK4721-4KK20	1	1 unit	039
	Note <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). • For accessories, see page 17.4/21 onwards. 						
Footnote							
¹⁾ Depth of distribution board: 250/320 mm. ²⁾ Depth of distribution board: 320 mm.							
Assembly kits for 3KA switch disconnectors on support plate							
Type		External dimensions in mm					
		Height	Width				
 8GK4707-3KK17	<ul style="list-style-type: none"> • 1 × 3KA 50/51/52/53, mounting depth 250 mm (only 3-pole devices) 	300	250	8GK4707-3KK17	1	1 unit	039
	<ul style="list-style-type: none"> • 1 × 3KA 55/57/58, mounting depth 320 mm 	300	500	8GK4707-4KK27	1	1 unit	039
Note <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). • For accessories, see page 17.4/21 onwards. 							
Assembly kits for meter mounting							
<ul style="list-style-type: none"> • For meter mounting (not standardized, 375 mm) • Height 450 mm • Width 250 mm • Assembly kits for individual and project-related assembly, not standardized, only for internal measurements, comprising: meter support plate with all-round partitions, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 							
Note							
<ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). • For accessories, see page 17.4/21 onwards. 							
 8GE3713-4				8GE3713-4	1	1 unit	042

ALPHA 630 Distribution Boards

Assembly Kits for Unequipped Distribution Boards

Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG								
Assembly kits for 3NJ4 in-line fuse switch disconnectors <ul style="list-style-type: none"> Assembly kits for individual and project-related assembly, comprising: front cover including supports, busbar holders on support plate, screws and mounting accessories Panel-size grid dimensions H × W (mm): 150 × 250 The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports Note: Values in brackets below apply to bars with fixing claws 														
		Versions		External dimensions in mm										
		<table border="1"> <thead> <tr> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td>600</td> <td>250</td> </tr> <tr> <td>600</td> <td>500</td> </tr> <tr> <td>600</td> <td>750</td> </tr> </tbody> </table>		Height	Width	600	250	600	500	600	750			
Height	Width													
600	250													
600	500													
600	750													
8GK4751-4KK33	<ul style="list-style-type: none"> Busbar center-to-center spacing of 100 mm, with busbar support <ul style="list-style-type: none"> - 4 (3) × 3NJ4, size 00 - 9 (8) × 3NJ4, size 00 - 14 (13) × 3NJ4, size 00 			1	1 unit	039								
		<ul style="list-style-type: none"> Busbar center-to-center spacing of 185 mm, with busbar support <ul style="list-style-type: none"> - 2 × 3NJ4, size 1-3 - 4 × 3NJ4, size 1-3 - 7 × 3NJ4, size 1-3 			1	1 unit	039							
8GK4752-5KK35				1	1 unit	039								
Note <ul style="list-style-type: none"> Observe max. rated current of 630 A! For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). The Cu busbar must be ordered separately. The assembly kits for sizes 1-3 require a mounting depth of 320 mm. If the assembly kits are fully equipped, an incoming feeder bay is required. When mounting the in-line fuse switch disconnectors with 3NJ4 911-3AA00 busbar terminals, the assembly kits cannot be fully equipped. For accessories, see page 17.4/21 onwards. 														
Blanking covers														
		Type		Width in mm										
		<ul style="list-style-type: none"> For switchboard cutout For size 1 to 3 switch disconnectors For 3NJ4 410-3 												
3NJ4912-2AA00				1	1 unit	143								
				1	1 unit	143								
				1	1 unit	143								

Assembly Kits for Unequipped Distribution Boards

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG											
 8GK4801-3KK12	Assembly kits for bus-mounting fuse bases for mounting on busbar systems <ul style="list-style-type: none"> • 3-pole • Busbar center-to-center spacing 60 mm • 7 × NEOZED D02 • Assembly kits for individual and project-related assembly, comprising: front cover including supports, busbar supports for bus-mounting fuse bases, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 																
	<table border="1"> <thead> <tr> <th colspan="2">External dimensions in mm</th> </tr> <tr> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td>300</td> <td>250</td> </tr> <tr> <td>450</td> <td>250</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> • Busbar supports not included in scope of supply. • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). • The Cu busbar must be ordered separately (see page 17.4/22). • For accessories, see page 17.4/21 onwards. 		External dimensions in mm		Height	Width	300	250	450	250	8GK4801-2KK12 8GK4801-3KK12	1 1	1 unit 1 unit	039 039			
External dimensions in mm																	
Height	Width																
300	250																
450	250																
 8GK4801-2KK13	Assembly kits for busbar-adaptable units for 40 mm or 60 mm busbar system <ul style="list-style-type: none"> • Busbar center-to-center spacing of 40 mm/60 mm • Assembly kits for individual and project-related assembly, comprising: deep-drawn front cover with supports • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 																
	<table border="1"> <thead> <tr> <th colspan="2">External dimensions in mm</th> </tr> <tr> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td rowspan="3">300</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="3">450</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> • Busbar supports (8GK9711-0KK03) not included in delivery • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see pages 17.4/7 and 17.4/9). • The Cu busbar and the busbar supports must be ordered separately (see page 17.4/22). • For accessories, see page 17.4/21 onwards. 		External dimensions in mm		Height	Width	300	250	500	750	450	250	500	750	8GK4801-2KK13 8GK4801-2KK23 8GK4801-2KK33 8GK4801-3KK13 8GK4801-3KK23 8GK4801-3KK33	1 1 1 1 1 1	1 unit 1 unit 1 unit 1 unit 1 unit 1 unit
External dimensions in mm																	
Height	Width																
300	250																
	500																
	750																
450	250																
	500																
	750																
 8US1922-2EA00	Supports for blanking cover		8US1922-2EA00	1	4 units	143											
 8US1922-2EB00	Blanking covers		8US1922-2EB00	1	2 units	143											

ALPHA 630 Distribution Boards

Accessories

Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
For unequipped distribution boards						
Cabinet mounting lugs, flat						
Versions						
<ul style="list-style-type: none"> For mounting and fixing a distribution board directly against the wall without spacing (one set = four lugs including screws) 		8GK9910-0KK36		1	5 sets	039
<ul style="list-style-type: none"> For connecting two distribution boards and for mounting and fixing the distribution boards directly against the wall without spacing, (8GK9910-0KK36 also required for the ends of a row of distribution boards) (one set = two lugs including screws) 		8GK9910-0KK37		1	1 set	039
Flanges						
For fast and correct wiring						
Versions						
<ul style="list-style-type: none"> 1-component flanges (for IP43 distribution boards, installed on bottom panel) <ul style="list-style-type: none"> For bottom cable entry, with 11 possible knockouts Max. Ø 50.5 mm, material plastic 		8GK9100-0KK00		1	1 unit	039
<ul style="list-style-type: none"> 2-component flanges (degree of protection: IP55) <ul style="list-style-type: none"> For top/bottom cable entry With 44 possible knockouts Comprising 2 elastic components 		8GK9100-0KK01		1	1 unit	039
<ul style="list-style-type: none"> Flange plate made of sheet steel (only safety class 1) <ul style="list-style-type: none"> For metric screw connections, degree of protection: IP55 (2 units) 		8GK9100-0KK03		1	1 unit	039
<ul style="list-style-type: none"> Connecting flanges 		8GK9100-0KK10		1	1 unit	039











8GK9100-0KK01



8GK9100-0KK03









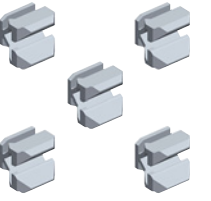


8GK9100-0KK10

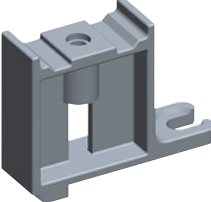




Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Bases						
External height: 100 mm						
External dimensions in mm						
	Depth	Width				
 8GK99010KA12	210	300		1	1 unit	039
		550		1	1 unit	039
		800		1	1 unit	039
 8GK9900-0KK13	250	1050		1	1 unit	039
		1300		1	1 unit	039
		300		1	1 unit	039
 8GK9900-0KK14	320	550		1	1 unit	039
		800		1	1 unit	039
		1050		1	1 unit	039
	1300			1	1 unit	039
 8GK9100-0KK04		Flange plates <ul style="list-style-type: none">• IP55 degree of protection• Safety class 1• For cabinet depth 320 mm, if center plate is removed• Sheet steel, without knockouts		1	1 unit	039
Locking systems						
Versions						
 8GK9561-0KK01	• Rotary handles <ul style="list-style-type: none">- Can be recessed, with pushbutton technique			1	1 unit	039
	• Lock insert <ul style="list-style-type: none">- For installation of profile semicylinders			1	1 unit	039
	• Profile semicylinders, 40 mm, with E012 lock and 2 keys <ul style="list-style-type: none">- With insert for the rotary handle- Only to be used together with the lock insert (this must be ordered separately)			1	1 unit	039
 8GK9561-0KK02	• Profile semicylinder with Senat tumbler			1	1 unit	039
	Accessories					
 8GF9390-2	Spare key for E012 lock			1	1 unit	042
Cable clamping rails						
• For strain relief						
• C-profile 30 mm x 15 mm						
Versions						
 8GK9911-0KK10	• Width 250 mm			1	1 unit	039
	• Width 500 mm			1	1 unit	039
	• Width 750 mm			1	1 unit	039
	• Width 1000 mm			1	1 unit	039
	• Width 1250 mm			1	1 unit	039

ALPHA 630 Distribution Boards

Accessories




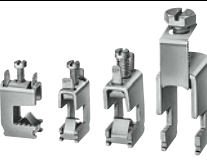

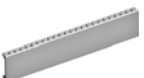
Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Circuit diagram pockets						
Versions						
		<ul style="list-style-type: none"> DIN A 3, made of sheet steel, depth 10 mm DIN A 4, transparent sleeve DIN A 4, made of plastic, depth 30 mm 				
8GK9910-0KK22		8GK9910-0KK22		1	1 unit	039
		8GK9910-0KK23		1	20 units	039
		8GD9132		1	1 unit	042
Siemens nameplates						
		Made of aluminum, self-adhesive, color: petrol		1	1 unit	042
8GD9084		8GD9084				
Crossbeams						
Versions						
		<ul style="list-style-type: none"> Width 500 mm Width 750 mm 				
8GK4853-0KK20		8GK4853-0KK20		1	2 units	039
		8GK4853-0KK30		1	2 units	039
Partitions						
<ul style="list-style-type: none"> Sheet steel For mounting depth 250/320 mm 						
Versions						
		<ul style="list-style-type: none"> Vertical (Vertical separation for 320 mm depth only: at a depth of 250 mm, the stays reach the rear panel) <ul style="list-style-type: none"> Height 1800 mm 				
8GK9520-8KK00		8GK9520-8KK00		1	1 unit	039
		<ul style="list-style-type: none"> Horizontal (for 250 mm depth: push separation back to break it off) <ul style="list-style-type: none"> Width 250 mm Width 500 mm 				
8GK9520-0KK20		8GK9520-0KK10		1	1 unit	039
		8GK9520-0KK20		1	1 unit	039
Screws						
		<ul style="list-style-type: none"> Self-tapping M5 x 10 Large pack: 500 units 				
8GK9911-0KK00		8GK9911-0KK00		1	500 units	039
Extra-deep brackets						
		<ul style="list-style-type: none"> Depth-adjustable Large pack: 10 units 				
8GK9911-0KK01		8GK9911-0KK01		1	10 units	039
Drop-down brackets, universal						
		Large pack: 10 units				
8GK9911-0KK02		8GK9911-0KK02		1	10 units	039
Support extensions						
		<ul style="list-style-type: none"> 7.5 mm Large pack: 100 units 				
8GK9911-0KK03		8GK9911-0KK03		1	100 units	039


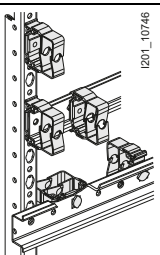
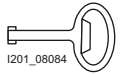




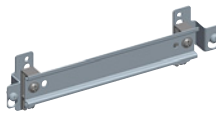
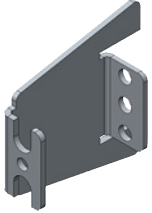
* You can order this quantity or a multiple thereof.

Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 <p>Iso supports</p> <ul style="list-style-type: none"> For insulated standard mounting rail assembly Large pack: 50 units <p>Versions</p> <ul style="list-style-type: none"> 12 mm 31.5 mm 55.5 mm 						
		8GK9911-0KK04		1	50 units	039
		8GK9911-0KK05		1	50 units	039
		8GK9911-0KK06		1	50 units	039
8GK9911-0KK05						
 <p>Partitions (for 210 mm depth)</p> <ul style="list-style-type: none"> For the visual and spatial separation of different potentials Material plastic For mounting depth 210 mm <p>Versions</p> <ul style="list-style-type: none"> Vertical <ul style="list-style-type: none"> Height 300 mm Height 450 mm Height 600 mm Height 750 mm Height 900 mm Height 1050 mm Height 1200 mm Height 1350 mm Horizontal <ul style="list-style-type: none"> Width 250 mm Width 500 mm Width 750 mm 						
		8GK9301-2KK01		1	1 unit	039
		8GK9301-3KK01		1	1 unit	039
		8GK9101-4KK01		1	1 unit	039
		8GK9101-5KK01		1	1 unit	039
		8GK9101-6KK01		1	1 unit	039
		8GK9101-7KK01		1	1 unit	039
		8GK9101-8KK01		1	1 unit	039
		8GK9102-8KK01		1	1 unit	039
		8GK9103-0KK10		1	1 unit	039
		8GK9103-0KK20		1	1 unit	039
		8GK9103-0KK30		1	1 unit	039
8GK9301-2KK01						
8GK9103-0KK10						
 <p>Ventilation grilles</p>		8GK9120-0KK30		1	4 units	038
	8GK9120-0KK30					
For assembly kits						
 <p>3NP1123... cover, size 000</p>		8GK9912-0KK00		1	1 unit	039
	8GK9912-0KK00					
 <p>Busbar supports With matching support plate</p> <p>Versions</p> <ul style="list-style-type: none"> 1-pole <ul style="list-style-type: none"> For Cu busbars 12 × 5 (10) mm, 20 × 5 (10) mm, 30 × 5 (10) mm Height 150 mm 3-pole <ul style="list-style-type: none"> Busbar center-to-center spacing of 60 mm For Cu busbars 12 × 5 (10) mm, 20 × 5 (10) mm, 30 × 5 (10) mm For bus-mounting fuse bases and 3NP4076 switch disconnectors, used together with assembly kits (mounting directly on the stays) 4-pole <ul style="list-style-type: none"> Busbar center-to-center spacing of 60 mm For Cu busbars 12 × 5 (10) mm, 30 × 5 (10) mm, Interior mounting Width: 20 mm 5-pole <ul style="list-style-type: none"> Busbar center-to-center spacing of 40 mm For Cu busbars 12 × 5 (10) mm and for mounting 3NP fuse switch disconnectors Height 300 mm 		5SH3540		1	1 unit	031
		8GK9711-0KK03		1	1 unit	039
		8US1923-4AA00		1	10 units	143
		8GK9650-0KK00		1	1 unit	039
	8GK9711-0KK03					

ALPHA 630 Distribution Boards

Accessories




	Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 8GK973.	Cu busbars						
	Versions						
	<ul style="list-style-type: none"> Cu cross-section of 12 × 5 mm, 250 A <ul style="list-style-type: none"> - Length 250 - Length 500 - Length 750 - Length 1000 - Length 1250 		8GK9731-0KK10 8GK9731-0KK20 8GK9731-0KK30 8GK9731-0KK40 8GK9731-0KK50	1 1 1 1 1	5 units 5 units 5 units 5 units 5 units	039 039 039 039 039	
	<ul style="list-style-type: none"> Cu cross-section of 20 × 5 mm, 320 A <ul style="list-style-type: none"> - Length 250 - Length 500 - Length 750 - Length 1000 - Length 1250 		8GK9733-0KK10 8GK9733-0KK20 8GK9733-0KK30 8GK9733-0KK40 8GK9733-0KK50	1 1 1 1 1	5 units 5 units 5 units 5 units 5 units	039 039 039 039 039	
	<ul style="list-style-type: none"> Cu cross-section of 30 × 5 mm, 450 A <ul style="list-style-type: none"> - Length 250 - Length 500 - Length 750 - Length 1000 - Length 1250 		8GK9735-0KK10 8GK9735-0KK20 8GK9735-0KK30 8GK9735-0KK40 8GK9735-0KK50	1 1 1 1 1	5 units 5 units 5 units 5 units 5 units	039 039 039 039 039	
	<ul style="list-style-type: none"> Cu cross-section of 30 × 10 mm, 630 A <ul style="list-style-type: none"> - Length 250 - Length 500 - Length 750 - Length 1000 - Length 1250 		8GK9736-0KK10 8GK9736-0KK20 8GK9736-0KK30 8GK9736-0KK40 8GK9736-0KK50	1 1 1 1 1	5 units 5 units 5 units 5 units 5 units	039 039 039 039 039	
 8GK9910-0KK30	Supports for front cover <ul style="list-style-type: none"> Long version Material plastic 1 set = 4 supports 		8GK9910-0KK30		1	5 sets	039
 8GK9910-0KK11	N/PE bars as plug-in terminals						
	Versions						
	<ul style="list-style-type: none"> Each with 6 screw terminals from 2.5 to 16 mm² and 21 plug-in terminals from 1.5 to 4 mm² for mounting on longitudinal stays at a 30° inclination 		8GK9910-0KK11		1	1 unit	039
	<ul style="list-style-type: none"> With 6 screw terminals from 2.5 to 16 mm² and 21 plug-in terminals from 1.5 to 4 mm², for PE bar and one neutral-neutral bar each with 2 screw terminals from 2.5 to 16 mm² and 10 plug-in terminals from 1.5 to 4 mm², for mounting on longitudinal stays at a 30° inclination 		8GK9910-0KK12		1	1 unit	039
 8US1921-2AA00	Terminals for circular conductors						
	Versions						
	<ul style="list-style-type: none"> Busbar thickness 5 mm <ul style="list-style-type: none"> - Conductor cross-section 1.5 ... 16 mm² ▶ - Conductor cross-section 1.5 ... 35 mm² ▶ - Conductor cross-section 16 ... 70 mm² ▶ - Conductor cross-section 16 ... 120 mm² ▶ 		8US1921-2AA00 8US1921-2AB00 8US1921-2AD00 8US1921-2AC00	100 100 1 1	100 units 50 units 50 units 50 units	143 143 143 143	
	<ul style="list-style-type: none"> Busbar thickness 10 mm <ul style="list-style-type: none"> - Conductor cross-section 1.5 ... 16 mm² ▶ - Conductor cross-section 1.5 ... 35 mm² ▶ - Conductor cross-section 16 ... 70 mm² ▶ - Conductor cross-section 16 ... 120 mm² ▶ 		8US1921-2BA00 8US1921-2BB00 8US1921-2BD00 8US1921-2BC00	1 1 1 1	100 units 50 units 50 units 50 units	143 143 143 143	
		<ul style="list-style-type: none"> For wall/floor-mounted distribution boards 1 set = 2 hinges 		8GK9920-0KK24		1	1 set
 8GK9920-0KK24	Replacement door hinges <ul style="list-style-type: none"> For wall/floor-mounted distribution boards 1 set = 2 hinges 		8GK9920-0KK24		1	1 set	038
 8GK9910-0KK00	Blanking strips						
	Color RAL 7035 (light gray)						
	Versions						
	<ul style="list-style-type: none"> For 12 MW (1 MW = 18 mm) Length 1 m Without pressure-relief joint, to cut to length 		8GK9910-0KK00 8GK9910-0KK01		1 1	10 units 1 unit	039 039





Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 <p>8GK9920-0KK31</p> <p>Connecting kits, IP43/IP55</p> <ul style="list-style-type: none"> • For side-by-side mounting of enclosures • Comprising: <ul style="list-style-type: none"> - Screws - Washers - Nuts - 10 m roll of sealing strip <p>Note</p> <p>A bushing flange is required for electrical connections!</p>		8GK9920-0KK31		1	1 unit	039
 <p>1201_10746</p> <p>8GK9910-0KK80</p> <p>Cable holders</p> <p>For standard mounting rails</p>		8GK9910-0KK80		1	200 units	039
 <p>1201_08084</p> <p>8GD9290</p> <p>Spare keys</p> <p>For double-bit locking mechanism</p>		8GD9290		1	1 unit	042
 <p>8GK9910-0KK34</p> <p>Extra-deep brackets</p> <p>For recessed installation of stand. mounting rails</p>		8GK9910-0KK34		1	1 set	039
 <p>8GK9910-0KK26</p> <p>Quick-lock screws</p> <ul style="list-style-type: none"> • Material plastic • Color RAL 7035 		8GK9910-0KK26		1	20 units	039
 <p>8GK9910-0KK27</p> <p>Assembly tools</p> <ul style="list-style-type: none"> • For supports • Short and long version • With ergonomic handle 		8GK9910-0KK27		1	1 unit	039
 <p>8GK9918-0KK00</p> <p>Transport eyebolts</p> <p>M12</p>		8GK9918-0KK00		1	1 unit	039
 <p>8GK9910-0KK35</p> <p>Standard mounting rails, lowered</p> <p>Width</p> <ul style="list-style-type: none"> • 250 mm • 500 mm • 750 mm 		8GK9910-0KK35 8GK9910-0KK40 8GK9910-0KK41		1 1 1	1 unit 1 set 1 set	039 039 039
 <p>8GK9910-0KK38</p> <p>Stay supports</p> <ul style="list-style-type: none"> • For depth of 210 mm when mounting stays are to be shifted forward by 55 mm • Note: Necessary whenever standard mounting rails are mounted directly on the stays 		8GK9910-0KK38		1	20 units	039

ALPHA 630 Distribution Boards

Accessories – Ordering large quantities






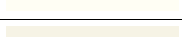
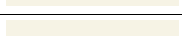


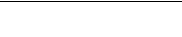












Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	
Front covers							
 8GK9601-4KK10	Front covers, closed Front covers in large order quantities (Big Pack)						
	External height in mm	External width in mm					
	75	250	8GK9601-0KK10		1	10 units	039
	150	250	8GK9601-1KK10		1	10 units	039
		500	8GK9601-1KK20		1	10 units	039
		750	8GK9601-1KK30		1	10 units	039
	300	250	8GK9601-2KK10		1	10 units	039
500		8GK9601-2KK20		1	10 units	039	
750		8GK9601-2KK30		1	10 units	039	
450	250	8GK9601-3KK10		1	10 units	039	
	500	8GK9601-3KK20		1	10 units	039	
	750	8GK9601-3KK30		1	10 units	039	
600	250	8GK9601-4KK10		1	10 units	039	
	500	8GK9601-4KK20		1	10 units	039	
	750	8GK9601-4KK30		1	10 units	039	
 8GK9601-4KK11	Front covers, with cutout Front covers in large order quantities (Big Pack)						
	External height in mm	External width in mm	Tiers/MW				
	150	250	1/12	8GK9601-1KK11	1	10 units	039
		500	1/24	8GK9601-1KK21	1	10 units	039
		750	1/36	8GK9601-1KK31	1	10 units	039
	300	250	2/24	8GK9601-2KK11	1	10 units	039
		500	2/48	8GK9601-2KK21	1	10 units	039
750		2/72	8GK9601-2KK31	1	10 units	039	
450	250	3/36	8GK9601-3KK11	1	10 units	039	
	500	3/72	8GK9601-3KK21	1	10 units	039	
	750	3/108	8GK9601-3KK31	1	10 units	039	
600	250	4/48	8GK9601-4KK11	1	10 units	039	
	500	4/96	8GK9601-4KK21	1	10 units	039	
	750	4/144	8GK9601-4KK31	1	10 units	039	
Assembly kits							
 8GK9910-0KK31	Supports for front cover Material plastic						
	Versions	<ul style="list-style-type: none"> Long version (for use when mounting an 8GK9910-1KK.0 15 mm standard mounting rail on standard mounting rail holders) Short version (for use when mounting an 8GK9910-1KK.0 15 mm standard mounting rail directly on the stays) 					
		8GK9910-0KK31		1	100 units	039	
		8GK9910-0KK24		1	100 units	039	

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Standard mounting rails 15 mm						
8GK9910-1KK10 						
Versions						
<ul style="list-style-type: none"> • Width 250 mm • Width 500 mm • Width 750 mm • Width 1000 mm • Width 1250 mm 		8GK9910-1KK10 8GK9910-1KK20 8GK9910-1KK30 8GK9910-1KK40 8GK9910-1KK50		1 1 1 1 1	10 units 10 units 10 units 10 units 10 units	039 039 039 039 039
Standard mounting rail holders						
<ul style="list-style-type: none"> • For standard mounting rail, 15 mm and supports • Long version • Comprising 1 left and 1 right holder • 1 set = 20 holders, 10 × left, 10 × right 						
Versions						
<ul style="list-style-type: none"> • For 1 standard mounting rail • For 2 standard mounting rails • For 3 standard mounting rails • For 4 standard mounting rails 		8GK9910-1KK81 8GK9910-1KK83 8GK9910-1KK84 8GK9910-1KK85		1 1 1 1	1 set 1 set 1 set 1 set	039 039 039 039
8GK9910-1KK83 						
8GK9910-1KK84 						
8GK9910-1KK85 						

ALPHA 630 Distribution Boards

Special colors option

Special colors	Color designation	Option	ALPHA 630
			Surcharge
	RAL 9016 smooth matt	C10	None
	RAL 7035 light gray smooth matt	C11	None
	RAL 7035 light gray semi-gloss textured	C12	✓
	RAL 7032 pebble gray semi-gloss textured	C13	✓
	RAL 7038 agate gray semi-gloss textured	C14	✓
	RAL 9010 pure white semi-gloss smooth	C15	✓
	SN 610 Siemens white semi-gloss textured	C16	✓
	SN 610 Siemens white silky gloss textured	C17	✓
	RAL 9002 gray white semi-gloss smooth	C18	✓
	RAL 9002 gray white matt coarse texture	C19	✓
	RAL 9003 signal white textured semi-gloss	C20	✓
	RAL 9001 cream semi-gloss smooth	C21	✓
	RAL 5017 traffic blue coarse texture silky gloss	C22	✓
	RAL 5005 signal blue semi-gloss smooth	C23	✓
	RAL 5010 gentian blue semi-gloss smooth	C24	✓
	RAL 2000 yellow orange semi-gloss smooth	C25	✓
	RAL 6018 yellow green semi-gloss smooth	C26	✓
	RAL 1003 signal yellow semi-gloss smooth	C27	✓
	RAL 7033 cement gray semi-gloss textured	C28	✓
	RAL 9002 gray white smooth silky gloss	C29	✓
	RAL 9010 pure white semi-gloss textured	C30	✓
	RAL 3000 flame red coarse texture silky gloss	C31	✓

ALPHA AS Distribution Boards



17.5/2	Introduction
17.5/7	Unequipped distribution boards
17.5/9	Assembly kits for unequipped distribution boards
17.5/17	Accessories
17.5/22	Accessories – Ordering large quantities
17.5/23	Special colors option

NEW

Direct reference to the products in the Industry Mall from the selection and ordering data tables:

Article No.
[www.siemens.com/
 product? Article No.](http://www.siemens.com/product?ArticleNo.)

3KD2832-0NE10-0

Paper catalog:
 To get more product information enter the Web address plus Article No.



PDF catalog:
 Get more product information with just a mouse click.

For further technical product information:

Service & Support Portal:

www.siemens.com/lowvoltage/product-support






→ Product list:
 Technical specifications

→ Entry list:
 Certificates / Characteristics /
 Download / FAQ / Manuals /
 Updates

ALPHA AS Distribution Boards

Introduction

Overview

	Devices	Page	Surface-mounting distribution boards	Flush-mounting distribution boards	Rated current	Cubicle depth	Safety class			
							A	mm	1	2
	ALPHA SIMBOX small distribution boards	SIMBOX XL small distribution boards:	Flush-mounting and hollow-wall distribution boards	17.1/6	--	✓	63	88 ¹⁾	--	✓
			Surface-mounting distribution boards, IP30	17.1/9	✓	--	63	99	--	✓
		SIMBOX WP small distribution boards:	Surface-mounting distribution boards, IP65	17.1/14	✓	--	63	100/140/160	--	✓
	ALPHA 160 DIN technology distribution boards	Cubicle, partially equipped	17.2/6	✓	✓	160	140	--	✓	
		Unequipped distribution board	17.2/6	✓	✓	160	140	--	✓	
	ALPHA 400 DIN technology distribution boards	Unequipped distribution board, flat pack	17.3/9	✓	--	400	210	✓	✓	
		Unequipped distribution board, pre-assembled	17.3/10	✓	✓	400	210	✓	✓	
	ALPHA 630 DIN technology distribution boards	Unequipped distribution board, flat pack	17.4/7	✓	--	630	210	✓	✓	
		Unequipped distribution board, pre-assembled	17.4/7	✓	--	630	210/250/320	✓	✓	
		Unequipped distribution board, pre-assembled, with open side panels	17.4/8	✓	--	630	250 / 320	✓	--	
	ALPHA AS DIN technology distribution boards	Unequipped distribution board, pre-assembled	17.5/7	✓	--	1250	400	✓	--	

¹⁾ Mounting depth

Degree of protection	VDE	EN	DIN	IEC
IP30	DIN VDE 0603	--	DIN 43871	IEC 61439-1/-3
IP65	DIN VDE 0603-1, VDE 0660-500/-504	EN 61439-1/-3	DIN 43871	IEC 60439-1/-3
IP31 / IP43 / IP44	VDE 0660-600-1/-3	EN 61439-1/-3	--	IEC 61439-1/-3
IP43	VDE 0660-600-1/-2/-3	EN 61439-1/-2/-3	--	IEC 61439-1/-2/-3
IP31 / IP43 / IP55				
IP43	VDE 0660-600-1/-2	EN 61439-1/-2	--	IEC 61439-1/-2
IP43 / IP55				
IP55				
IP55	VDE 0660-600-1/-2	EN 61439-1/-2	--	Type verification according to IEC 61439-1/-2

ALPHA AS Distribution Boards

Introduction

System

The modular design of our Siemens distribution board system draws on our decades of experience.

This system has been tailored to meet individual requirements for distribution board installation.

The ALPHA AS DIN technology distribution board system (1250 A) comprises unequipped distribution boards with removable rear plates, doors, bases with degree of protection IP55, assembly kits for individual assembly, and an extensive range of accessories.

Enclosures

- Material: Electrogalvanized and powder-coated sheet steel
- Sheet thickness, degree of protection IP43/IP55: Body 1.25 mm, door 1 mm
- Color: RAL 7035 (light gray), further RAL colors available on request
- For special colors, see page [17.5/23](#)

Assembly kits

The assembly kits are made of sendzimir-galvanized sheet steel and are equipped with molded-plastic covers for a wide range of equipping options, e.g. with switching devices and modular installation devices.

The largest switching devices that can be installed in the ALPHA AS are Siemens switching devices with a rated current of up to 1250 A.

Cabinet dimensions

All dimensions in mm.

- Height:
 - Internal dimensions: 1800
 - External dimension with base: 1950
- Width (internal/external dimensions): 250/300, 500/550, 750/800, 1000/1050, 1250/1300
- Depth (external dimension): 400
- Assembly kits in panel-size grid dimensions, height x width: 150 x 250

Benefits

- Busbars are routed to the rear panel through side-by-side cabinets
- Rear wall can be removed for easy installation
- IP55 degree of protection
- Safety class 1 (protective conductor connection)
- Easy planning thanks to modular design
- Flexible expansion with a wide range of mounting kits from the ALPHA 630 distribution board system
- Ample wiring space
- Easy assembly thanks to keyhole-fastened components and modules with quick-acting locks
- System concept according to DIN, EN and VDE standards
- High-quality surface finish: distribution boards made of electrogalvanized and powder-coated sheet steel, system components made of sendzimir-galvanized sheet steel, galvanized and transparently chromated small components and screws
- Doors can be hinged on the right or left
- Door opening angle of 170°
- Replaceable locking systems (accessories)
- Front cover with sealable 90° quick-acting locks
- Environmentally-friendly and recyclable plastics

Application

The ALPHA AS DIN technology distribution board (1250 A) is used wherever busbar systems are to be routed through several side-by-side floor-mounted cabinets or where floor-mounted cabinets require a greater enclosure depth (e.g. in administrative, non-residential and industrial buildings). It rounds off the Siemens range of floor-mounted distribution boards with an overall depth of 400 mm.

The distribution board and its components are of modular design.

The ALPHA AS distribution board (1250 A) is designed for ALPHA DIN assembly kits.

The modular distribution boards can be supplied in safety class 1 (protective conductor connection). IP55 degree of protection can be achieved with the necessary flanges.

With just a few standard components, it is possible to achieve a wide range of project-related mounting and equipping options.

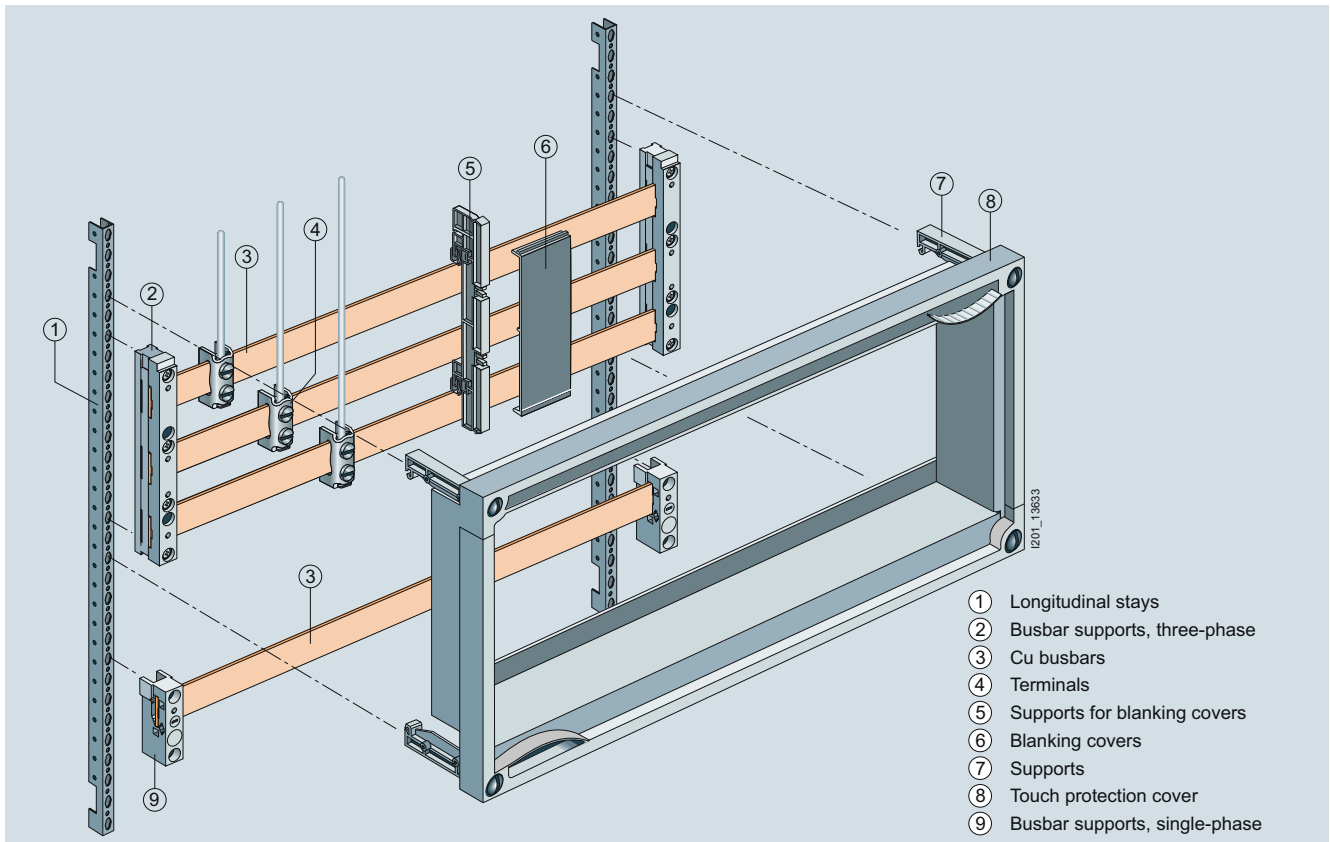
40 mm, 60 mm and 185 mm busbar systems with dimensions up to 100 mm x 10 mm can be installed.

The modular design of the board enables easy planning, configuration, calculation, ordering and mounting.

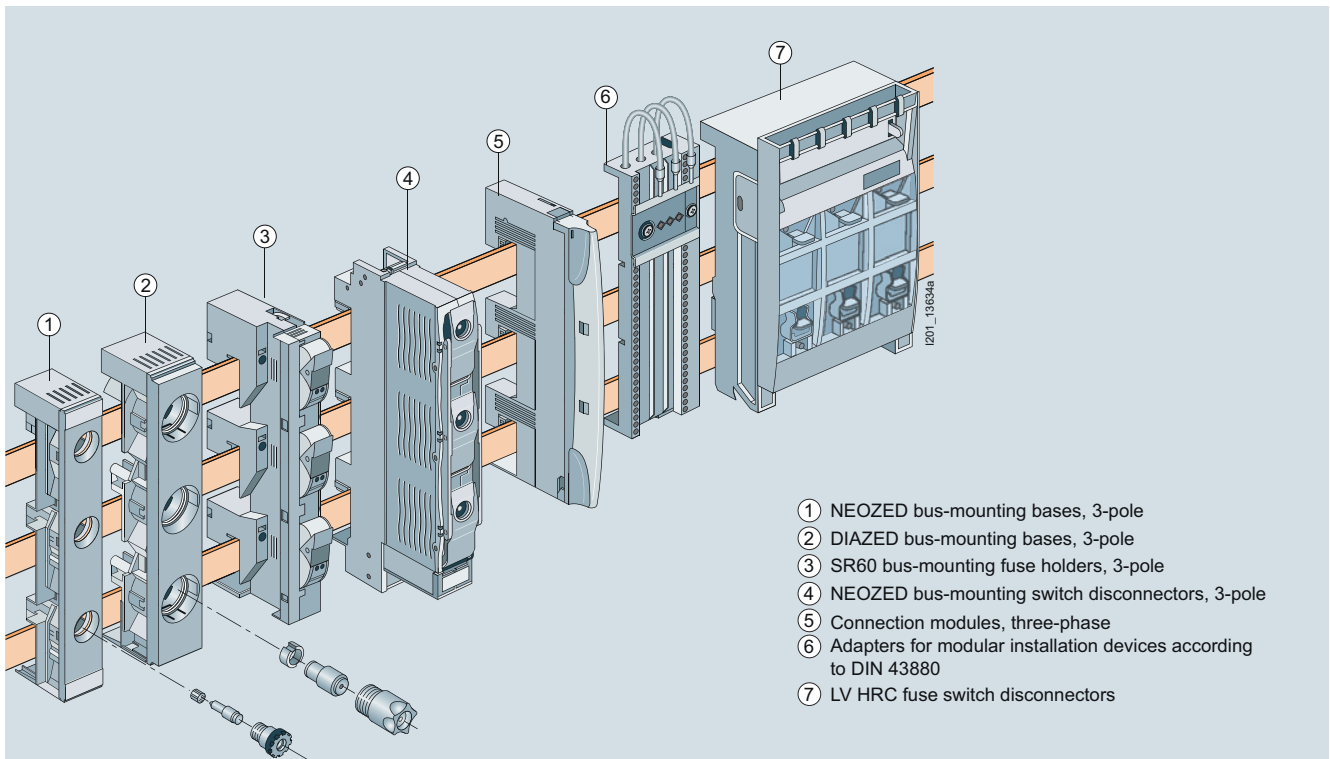
Assembly kits that only require a one-size screwdriver for assembly are available for all mountable switching and modular installation devices.



Design



Distribution board components of the 8GK4 assembly kits for the SR60 busbar system, 60 mm



Built-in components of the 8GK4 assembly kits for the SR60 busbar system, 60 mm

ALPHA AS Distribution Boards

Introduction

Technical specifications

Overvoltage category	III
Rated impulse withstand voltage U_{imp} in kV	8
Clearance and creepage distances	EN 60664-1
Rated insulation voltage U_i in V	690
Rated operational voltage U_e in V AC/DC	690
Rated voltage U_n (40 Hz ... 60 Hz AC) in V	690 for built-in devices
Rated current in A	1250
Rated peak short-circuit current I_{pk} in kA	
• With busbar support, 60 mm	Up to 78.9 ¹⁾
• With busbar support, 185 mm	Up to 110 ¹⁾
Rated short-time current I_{cw} in kA	
• With busbar support, 60 mm	Up to 34 ¹⁾
• With busbar support, 185 mm	Up to 35 ¹⁾
Protective measures	Safety class 1 (protective conductor connection)
Number of conductors in the busbar run	4/5
Degree of protection acc. to EN 60529	IP55 with door (with matching flanges)
Standard mounting rail tier spacing per standard mounting rail tier in mm	150
Modular width (MW)	18 mm, 12 MW
Pollution degree	3
Ambient temperature in °C	35 (24-h mean value)
Relative air humidity in %	50 at 40 °C
Test specifications	EN 61439-1/-2 (VDE 0660-600-1/-2)
Enclosures	Sheet steel
Mounting dimensions	DIN 43880
Surface	Electrogalvanized and powder-coated
Color ²⁾	RAL 7035 (light gray)
Lock	3-point locking with integrated espagnolette lock (can be replaced with other locking systems if required)
Packing material	Shock-proof, environmentally-friendly











1) Depending on distance of busbar support.

2) Further RAL colors are available on request. For special colors, see page 17.5/23.

Cabinet dimensions

Cabinet (external dimensions)		
Height	Width	Depth
mm	mm	mm
1950 with base (100 mm)	300	400
	550	
	800	
	1050	
	1300	




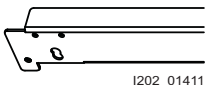
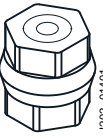
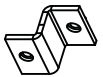
Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG																								
Modular distribution boards																														
 <p>8GK1423-8KK15</p>	Modular distribution boards <ul style="list-style-type: none"> • IP55 degree of protection • Color RAL 7035 (light gray) • External height: 1950 mm • External depth: 400 mm • Type of delivery: Pre-assembled unequipped distribution board, with removable rear panel, door and open side panels • Safety class 1 (protective conductor connection) • Enclosure (with base) pre-assembled with door and espagnolette lock (can be replaced with other locking systems). Distribution boards with a width of 750 mm/800 mm or more will be supplied with a double door. • Flanges must be ordered separately 		<div style="background-color: #d9ead3; padding: 10px;"> <table border="0"> <tr> <td style="width: 150px;">8GK1423-8KK15</td> <td style="width: 50px; text-align: right;">1</td> <td style="width: 50px;">1 unit</td> <td style="width: 50px;">039</td> </tr> <tr> <td>8GK1423-8KK25</td> <td style="text-align: right;">1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>8GK1423-8KK35</td> <td style="text-align: right;">1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>8GK1423-8KK45</td> <td style="text-align: right;">1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>8GK1423-8KK55</td> <td style="text-align: right;">1</td> <td>1 unit</td> <td>039</td> </tr> </table> </div>				8GK1423-8KK15	1	1 unit	039	8GK1423-8KK25	1	1 unit	039	8GK1423-8KK35	1	1 unit	039	8GK1423-8KK45	1	1 unit	039	8GK1423-8KK55	1	1 unit	039				
	8GK1423-8KK15	1					1 unit	039																						
	8GK1423-8KK25	1					1 unit	039																						
	8GK1423-8KK35	1					1 unit	039																						
	8GK1423-8KK45	1					1 unit	039																						
	8GK1423-8KK55	1					1 unit	039																						
	External width in mm	Panel width																												
• 300																														
• 550																														
• 800																														
• 1050																														
• 1300																														
Note																														
<ul style="list-style-type: none"> • For assembly kits, see page 17.5/9 onwards. • For accessories, see page 17.5/17 onwards. 																														
 <p>8GK9513-8KK10</p>	Replacement door for cabinets Height 1950 mm		<div style="background-color: #d9ead3; padding: 10px;"> <table border="0"> <tr> <td style="width: 150px;">8GK9513-8KK10</td> <td style="width: 50px; text-align: right;">1</td> <td style="width: 50px;">1 unit</td> <td style="width: 50px;">039</td> </tr> <tr> <td>8GK9513-8KK20</td> <td style="text-align: right;">1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>8GK9513-8KK30</td> <td style="text-align: right;">1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>8GK9513-8KK40</td> <td style="text-align: right;">1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>8GK9513-8KK50</td> <td style="text-align: right;">1</td> <td>1 unit</td> <td>039</td> </tr> <tr> <td>8GK9513-8KK60</td> <td style="text-align: right;">1</td> <td>1 unit</td> <td>039</td> </tr> </table> </div>				8GK9513-8KK10	1	1 unit	039	8GK9513-8KK20	1	1 unit	039	8GK9513-8KK30	1	1 unit	039	8GK9513-8KK40	1	1 unit	039	8GK9513-8KK50	1	1 unit	039	8GK9513-8KK60	1	1 unit	039
	8GK9513-8KK10	1					1 unit	039																						
	8GK9513-8KK20	1					1 unit	039																						
	8GK9513-8KK30	1					1 unit	039																						
	8GK9513-8KK40	1					1 unit	039																						
	8GK9513-8KK50	1					1 unit	039																						
	8GK9513-8KK60	1					1 unit	039																						
Width mm	Door version	Door width mm																												
300	Complete	300																												
550	Complete	550																												
800/1050	Left	525																												
800	Right	275																												
1050/1300	Right	525																												
1300	Left	775																												
 <p>8GK9520-0KK05</p>	Side panels, modular distribution board Depth 400 mm		<div style="background-color: #d9ead3; padding: 10px;"> <table border="0"> <tr> <td style="width: 150px;">8GK9520-0KK05</td> <td style="width: 50px; text-align: right;">1</td> <td style="width: 50px;">1 unit</td> <td style="width: 50px;">039</td> </tr> </table> </div>				8GK9520-0KK05	1	1 unit	039																				
	8GK9520-0KK05	1	1 unit	039																										
Accessories																														
 <p>8GK4853-8KK02</p>	Longitudinal stays (latchable pivot stays) <ul style="list-style-type: none"> • In order to mount the assembly kits in unequipped distribution boards, 2 longitudinal stays are required for each assembly kit width • Height 1800 mm • Depth 250/320/400 mm • 1 set = 2 stays 		<div style="background-color: #d9ead3; padding: 10px;"> <table border="0"> <tr> <td style="width: 150px;">8GK4853-8KK02</td> <td style="width: 50px; text-align: right;">1</td> <td style="width: 50px;">1 set</td> <td style="width: 50px;">039</td> </tr> </table> </div>				8GK4853-8KK02	1	1 set	039																				
	8GK4853-8KK02	1	1 set	039																										
 <p>8GK9910-0KK32</p>	Connecting kits for longitudinal stays <ul style="list-style-type: none"> • Connecting plate for stays • 1 set = 4 units 		<div style="background-color: #d9ead3; padding: 10px;"> <table border="0"> <tr> <td style="width: 150px;">8GK9910-0KK32</td> <td style="width: 50px; text-align: right;">1</td> <td style="width: 50px;">1 unit</td> <td style="width: 50px;">039</td> </tr> </table> </div>				8GK9910-0KK32	1	1 unit	039																				
	8GK9910-0KK32	1	1 unit	039																										





* You can order this quantity or a multiple thereof.

ALPHA AS Distribution Boards

Unequipped distribution boards

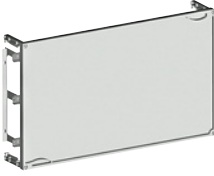

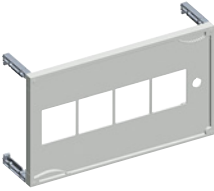
	Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	Assembly kits for masking frame for front cover Height 1800 mm						
	Width in mm						
	250		8GK9913-0KK10		1	1 unit	039
	500		8GK9913-0KK20		1	1 unit	039
	750		8GK9913-0KK30		1	1 unit	039
	1000 1250		8GK9913-0KK40 8GK9913-0KK50		1 1	1 unit 1 unit	039 039
	Note						
8GK9913-0KK30	Assembly kit only necessary if the mounting stays are mounted at the rear of the modular distribution board.						
	Flange plates For lower flange opening (sheet steel closed)		8GK9100-0KK04		1	1 unit	039
	8GK9100-0KK04						
Expansion parts for busbars							
	Busbar supports • Busbar spacing 100/185 mm • Max. busbar current 1250 A • Max. Cu 1 × 80 × 10						
	Versions						
	• With matching support plate for mounting on the rear panel • Without support plate for mounting on the busbar (no fixing to the cabinet enclosure), including fixing screws		8GK9720-0KK00 8GK9720-0KK01		1 1	1 unit 1 unit	039 039
	Accessories						
	• PEN bar holder • N/PE busbar supports		8GK9721-0KK00 8GK9110-0KK00		1 1	2 units 1 unit	039 039
	8GK9720-0KK00						
	Cross arm for N/PEN pin insulators and/or holders for PEN bars Included in delivery: Cross arm for N/PEN main busbar, 4 × fixing screws M5 × 10						
	Versions						
	• W=250 mm • W=500 mm		8GK4854-0KK10 8GK4854-0KK20		1 1	1 unit 1 unit	039 039
	• W=750 mm • W=1000 mm • W=1250 mm		8GK4854-0KK30 8GK4854-0KK40 8GK4854-0KK50		1 1 1	1 unit 1 unit 1 unit	039 039 039
	8GK4854-0KK..						
	Pin insulator for N busbar including holder Pin insulator, 1-pole, with M8 internal thread and holder		8GK9110-0KK00		1	1 unit	039
	8GK9110-0KK00						
	ALPHA AS holder for PEN bar PEN bar holder		8GK9721-0KK00		1	2 units	039
	8GK9721-0KK00						

Selection and ordering data

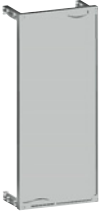

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Assembly kits, for modular installation devices <ul style="list-style-type: none"> • Tier spacing of 150 mm, without N/PE bar • Assembly kits for individual and project-related assembly, comprising: device racks, front cover including supports, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 						
		External dimensions in mm		Tiers/MW		
		Height	Width			
 8GK4351-1KK12	150	250	1/12	1	1 unit	039
		500	1/24			
		750	1/36			
 8GK4351-2KK12	300	250	2/24	1	1 unit	039
		500	2/48			
		750	2/72			
 8GK4351-3KK12	450	250	3/36	1	1 unit	039
		500	3/72			
		750	3/108			
 8GK4351-4KK12	600	250	4/48	1	1 unit	039
		500	4/96			
		750	4/144			
Note <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.5/7). • The assembly kits with a width of 250 mm are equipped with 7.5 mm standard mounting rails. • The assembly kits with a width of 500/750 mm are equipped with 15 mm standard mounting rails. • For accessories, see page 17.5/20 onwards. 						

ALPHA AS Distribution Boards

Assembly kits for unequipped distribution boards



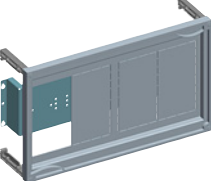
Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG																
 <p>8GK4401-3KK32</p> <p>Assembly kits for horizontal terminal blocks</p> <ul style="list-style-type: none"> Terminal blocks with graded insulation design With closed front cover Assembly kits for individual and project-related assembly, comprising: device racks, front cover including supports, screws and mounting accessories Panel-size grid dimensions H x W (mm): 150 x 250 The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports <table border="1"> <thead> <tr> <th colspan="2">External dimensions in mm</th> </tr> <tr> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td>150</td> <td>250</td> </tr> <tr> <td rowspan="3">300</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="3">450</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.5/7). For accessories, see page 17.5/20 onwards. 	External dimensions in mm		Height	Width	150	250	300	250	500	750	450	250	500	750								
	External dimensions in mm																					
	Height	Width																				
	150	250																				
	300	250																				
		500																				
		750																				
	450	250																				
		500																				
		750																				
		8GK4401-1KK12		1	1 unit	039																
		8GK4401-2KK12		1	1 unit	039																
		8GK4401-2KK22		1	1 unit	039																
		8GK4401-2KK32		1	1 unit	039																
		8GK4401-3KK12		1	1 unit	039																
		8GK4401-3KK22		1	1 unit	039																
		8GK4401-3KK32		1	1 unit	039																
 <p>8GK4402-4KK12</p> <p>Assembly kits for vertical terminal blocks</p> <ul style="list-style-type: none"> Terminal blocks with insulation design With closed front cover Assembly kits for individual and project-related assembly, comprising: device racks, front cover including supports, screws and mounting accessories Panel-size grid dimensions H x W (mm): 150 x 250 The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports <table border="1"> <thead> <tr> <th colspan="2">External dimensions in mm</th> </tr> <tr> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td rowspan="3">300</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="3">450</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="3">600</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> </tbody> </table> <p>Note</p> <ul style="list-style-type: none"> For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.5/7). For accessories, see page 17.5/20 onwards. 	External dimensions in mm		Height	Width	300	250	500	750	450	250	500	750	600	250	500	750						
	External dimensions in mm																					
	Height	Width																				
	300	250																				
		500																				
		750																				
	450	250																				
		500																				
		750																				
	600	250																				
500																						
750																						
		8GK4402-2KK12		1	1 unit	039																
		8GK4402-2KK22		1	1 unit	039																
		8GK4402-2KK32		1	1 unit	039																
		8GK4402-3KK12		1	1 unit	039																
		8GK4402-3KK22		1	1 unit	039																
		8GK4402-3KK32		1	1 unit	039																
		8GK4402-4KK12		1	1 unit	039																
		8GK4402-4KK22		1	1 unit	039																
		8GK4402-4KK32		1	1 unit	039																
 <p>8GK4500-2KK20</p> <p>Assembly kit front covers, for measuring devices</p>		8GK4500-2KK20		1	1 unit	039																

Assembly kits for unequipped distribution boards

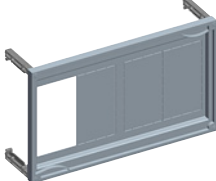
Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	
Assembly kits for unequipped panels							
 8GK4501-4KK12	<ul style="list-style-type: none"> • Color: gray • Assembly kits for individual and project-related assembly, comprising: front cover including supports, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 						
	External dimensions in mm						
	Height	Width					
	75	250 500	8GK4501-0KK12 8GK4501-0KK22		1 1	1 unit 1 unit	039 039
	150	250 500 750	8GK4501-1KK12 8GK4501-1KK22 8GK4501-1KK32		1 1 1	1 unit 1 unit 1 unit	039 039 039
	300	250 500 750	8GK4501-2KK12 8GK4501-2KK22 8GK4501-2KK32		1 1 1	1 unit 1 unit 1 unit	039 039 039
	450	250 500 750	8GK4501-3KK12 8GK4501-3KK22 8GK4501-3KK32		1 1 1	1 unit 1 unit 1 unit	039 039 039
	600	250 500 750	8GK4501-4KK12 8GK4501-4KK22 8GK4501-4KK32		1 1 1	1 unit 1 unit 1 unit	039 039 039
	750	250 500 750	8GK4501-5KK12 8GK4501-5KK22 8GK4501-5KK32		1 1 1	1 unit 1 unit 1 unit	039 039 039
	Note		For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.5/7).				
Assembly kits for unequipped panels with deep-drawn cover, 40 mm							
 8GK4501-3KK23	<ul style="list-style-type: none"> • Assembly kits for individual and project-related assembly, comprising: front cover including supports, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 						
	External dimensions in mm						
	Height	Width					
	300	250 500 750	8GK4501-2KK13 8GK4501-2KK23 8GK4501-2KK33		1 1 1	1 unit 1 unit 1 unit	039 039 039
	450	250 500 750	8GK4501-3KK13 8GK4501-3KK23 8GK4501-3KK33		1 1 1	1 unit 1 unit 1 unit	039 039 039
Note		<ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.5/7). • For mounting size 000 fuse switch disconnectors you also need the cover 8GK9912-0KK00 (see page 17.5/13). • For accessories, see page 17.5/20 onwards. 					

ALPHA AS Distribution Boards

Assembly kits for unequipped distribution boards

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG	
Assembly kits with mounting plates <ul style="list-style-type: none"> • With closed front cover • Assembly kits for individual and project-related assembly, comprising: mounting plate, front cover including supports, mounting brackets (depth-adjustable), screws and mounting accessories • Panel-size grid dimensions H x W (mm): 150 x 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 							
 8GK4451-4KK12	External dimensions (mm): assembly kit		Mounting plate dimensions in mm				
	Height	Width	Height	Width			
	300	250	245	207.5	8GK4451-2KK12	1	1 unit 039
		500		457.5	8GK4451-2KK22	1	1 unit 039
		750		707.5	8GK4451-2KK32	1	1 unit 039
	450	250	395	207.5	8GK4451-3KK12	1	1 unit 039
		500		457.5	8GK4451-3KK22	1	1 unit 039
		750		707.5	8GK4451-3KK32	1	1 unit 039
	600	250	545	207.5	8GK4451-4KK12	1	1 unit 039
		500		457.5	8GK4451-4KK22	1	1 unit 039
	750		707.5	8GK4451-4KK32	1	1 unit 039	
Note <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.5/7) • If the fitted mounting plate extends over several panel widths, it is not possible to place a longitudinal stay in the middle. 							
Cabinet-high mounting plates <ul style="list-style-type: none"> • With fixing screws • Sendzimir-galvanized sheet steel • For mounting on longitudinal stays or the rear panel • No covers available 							
 8GK9533-0KK10	Internal dimensions of cabinet in mm		Mounting plate dimensions in mm				
	Height	Width	Height	Width			
	1800	250	1680	242	8GK9533-0KK10	1	1 unit 039
		500		492	8GK9533-0KK20	1	1 unit 039
		750		742	8GK9533-0KK30	1	1 unit 039
		1000		992	8GK9533-0KK40	1	1 unit 039
	1250		1242	8GK9533-0KK50	1	1 unit 039	
Note <p>For mounting on the rear panel you always need a mounting plate in the cabinet width.</p>							
Assembly kits for 3NP1 fuse switch disconnectors, for mounting on support plates <ul style="list-style-type: none"> • Assembly kits for individual and project-related assembly, comprising: support plate, front cover including supports, molded-plastic masking frame, screws and mounting accessories • Panel-size grid dimensions H x W (mm): 150 x 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 							
 8GK4550-2KK22	Number of assembly kits of size	Fuse switch disconnectors	Height in mm	Width in mm			
	2 x 00/000	2 x 3NP1123... / 3NP1 133...	300	250	8GK4550-2KK12	1	1 unit 039
	4 x 00/000	4 x 3NP1123... / 3NP1 133...		500	8GK4550-2KK22	1	1 unit 039
	1 x 1	1 x 3NP1143...	450	250	8GK4550-3KK12	1	1 unit 039
	2 x 1	2 x 3NP1143...		500	8GK4550-3KK22	1	1 unit 039
	1 x 2	1 x 3NP1153...	450	250	8GK4551-3KK12	1	1 unit 039
	1 x 3	1 x 3NP1163...		500	8GK4551-3KK22	1	1 unit 039
	Accessories <ul style="list-style-type: none"> • 3NP1123... cover, size 000 (required only for size 000 fuse switch disconnectors) • Busbar supports <ul style="list-style-type: none"> - 40 mm, 5-pole - 60 mm, 3-pole 						
	Note <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.5/7). • For mounting size 000 fuse switch disconnectors you also need the cover 8GK9912-0KK00 (see page 17.5/13). • For accessories, see page 17.5/20 onwards. 						
						8GK9912-0KK00	1
					8GK9650-0KK00	1	1 unit 039
					8GK9711-0KK03	1	1 unit 039

Assembly kits for unequipped distribution boards

Version	DT	Article No. www.siemens.com/ product?Article.No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 <p>Assembly kits for 3NP1 fuse switch disconnectors, for mounting on busbars</p> <ul style="list-style-type: none"> • Assembly kits for individual and project-related assembly, comprising: front cover including supports, molded-plastic masking frame, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 						
Note						
The Cu busbar and the busbar supports must be ordered separately (see page 17.5/20).						
Number of assembly kits of size		Fuse switch disconnectors	Height in mm	Width in mm		
2 × 00/000		2 × 3NP1123 ... / 3NP1133...	300	250	8GK4650-2KK12	1 1 unit 039
4 × 00/000		4 × 3NP1123 ... / 3NP1133...		500	8GK4650-2KK22	1 1 unit 039
2 × 00/000		2 × 3NP1123 ... / 3NP1133...	450	250	8GK4650-3KK12	1 1 unit 039
4 × 00/000		4 × 3NP1123 ... / 3NP1133...		500	8GK4650-3KK22	1 1 unit 039
1 × 1		1 × 3NP1143...	450	250	8GK4651-3KK12	1 1 unit 039
2 × 1		2 × 3NP1143...		500	8GK4651-3KK22	1 1 unit 039
1 × 2		1 × 3NP1153...		250	8GK4652-3KK12	1 1 unit 039
Accessories						
• 3NP1123... cover, size 000 (required only for size 000 fuse switch disconnectors)					8GK9912-0KK00	1 1 unit 039
• Busbar supports					8GK9650-0KK00	1 1 unit 039
- 40 mm, 5-pole					8GK9711-0KK03	1 1 unit 039
- 60 mm, 3-pole						
Note						
• For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.5/7).						
• For mounting size 000 fuse switch disconnectors you also need the cover 8GK9912-0KK00 (see page 17.5/13).						
• For accessories, see page 17.5/20 onwards.						
<p>Assembly kits for 3VL molded case circuit breakers and 3VT switch disconnectors</p> <ul style="list-style-type: none"> • Assembly kits for individual and project-related assembly, comprising: support plate, front cover including supports, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 						
Versions		External dimensions in mm				
		Height	Width			
• 3- and 4-pole, 3VL molded case circuit breakers						
- 1 × 3VL160/3VL160X		300	250	8GK4701-2KK12	1 1 unit 039	
- 1 × 3VL160X, 1 × 3VL160, 1 × 3VL250		450		8GK4701-3KK12	1 1 unit 039	
- 1 × 3VL400		600		8GK4702-4KK12	1 1 unit 039	
• 3-pole, 3VL molded case circuit breakers						
- 1 × 3VL630		600	250	8GK4703-4KK13	1 1 unit 039	
- 1 × 3VL800				8GK4704-4KK15	1 1 unit 039	
• 3-/4-pole, 3VL molded case circuit breakers						
- 1 × 3VL630		600	500	8GK4704-4KK13	1 1 unit 039	
- 1 × 3VL800				8GK4704-4KK25	1 1 unit 039	
- 1 × 3VL1250/1600				8GK4705-4KK25	1 1 unit 039	
• 3- and 4-pole, 3VT switch disconnectors						
- 2 × 3VT 1		300	250	8GK4710-2KK10	1 1 unit 039	
- 1 × 3VT 2		450		8GK4710-3KK10	1 1 unit 039	
- 1 × 3VT 3		600		8GK4710-4KK10	1 1 unit 039	
• For installation with mounted RCD module						
- 1 × 3VL160X + RCD		450	250	8GK4720-3KK10	1 1 unit 039	
- 1 × 3VL160/3VL250 + RCD				8GK4721-3KK10	1 1 unit 039	
- 1 × 3VL400 + RCD		750	250	8GK4720-5KK10	1 1 unit 039	
• For installation with front-operated rotary operating mechanism						
- 1 × 3VL160X/VL160/VL250		450	250	8GK4722-3KK10	1 1 unit 039	
- 1 × 3VL400		600		8GK4722-4KK10	1 1 unit 039	
- 1 × 3VL630 3-pole				8GK4723-4KK10	1 1 unit 039	
- 1 × 3VL630 4-pole			500	8GK4721-4KK20	1 1 unit 039	
Note						
• For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.5/7).						
• For accessories, see page 17.5/20 onwards.						

8GK4650-2KK12

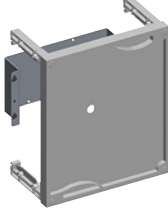


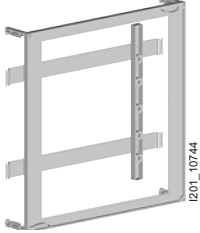

8GK4704-4KK13

8GK4721-3KK10


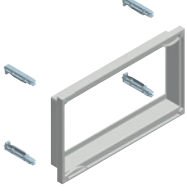


8GK4722-3KK10

ALPHA AS Distribution Boards

Assembly kits for unequipped distribution boards

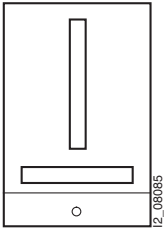
Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG																																																		
Assembly kits for 3KA switch disconnectors on support plate <ul style="list-style-type: none"> Panel-size grid dimensions H x W (mm): 150 x 250 The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 																																																								
																																																								
8GK4707-3KK17																																																								
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Assembly kits for 3NJ4 in-line fuse switch disconnectors <ul style="list-style-type: none"> Assembly kits for individual and project-related assembly, comprising: front cover including supports, busbar holders on support plate, screws and mounting accessories Panel-size grid dimensions H x W (mm): 150 x 250 The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports Note: Values in brackets below apply to bars with fixing claws 																																																								
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8GK4752-5KK35																																																								
																																																								
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Note <ul style="list-style-type: none"> Observe max. rated current of 630 A! For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.5/7). The Cu busbar must be ordered separately. The assembly kits for sizes 1-3 require a mounting depth of 320 mm. If the assembly kits are fully equipped, an incoming feeder bay is required. When mounting the in-line fuse switch disconnectors with 3NJ4 911-3AA00 busbar terminals, the assembly kits cannot be fully equipped. For accessories, see page 17.5/20 onwards. 																																																								

Assembly kits for unequipped distribution boards






Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG									
 8GK4801-3KK12	Assembly kits for bus-mounting fuse bases for mounting on busbar systems <ul style="list-style-type: none"> • 3-pole • Busbar center-to-center spacing 60 mm • 7 × NEOZED D02 • Assembly kits for individual and project-related assembly, comprising: front cover including supports, busbar supports for bus-mounting fuse bases, screws and mounting accessories • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 														
	External dimensions in mm <table border="1"> <thead> <tr> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td>300</td> <td>250</td> </tr> <tr> <td>450</td> <td>250</td> </tr> </tbody> </table>		Height	Width	300	250	450	250	8GK4801-2KK12 8GK4801-3KK12		1 1 unit 039 1 1 unit 039				
Height	Width														
300	250														
450	250														
 8GK4801-2KK13	Assembly kits for busbar-adaptable units, SR60 <ul style="list-style-type: none"> • Busbar center-to-center spacing of 60 mm • Assembly kits for individual and project-related assembly, comprising: deep-drawn front cover with supports • Panel-size grid dimensions H × W (mm): 150 × 250 • The front cover is sealable as standard and the quick-acting locking connections facilitate fast and reliable attachment to the supports 														
	External dimensions in mm <table border="1"> <thead> <tr> <th>Height</th> <th>Width</th> </tr> </thead> <tbody> <tr> <td rowspan="3">300</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> <tr> <td rowspan="3">450</td> <td>250</td> </tr> <tr> <td>500</td> </tr> <tr> <td>750</td> </tr> </tbody> </table>		Height	Width	300	250	500	750	450	250	500	750	8GK4801-2KK13 8GK4801-2KK23 8GK4801-2KK33		1 1 unit 039 1 1 unit 039 1 1 unit 039
Height	Width														
300	250														
	500														
	750														
450	250														
	500														
	750														
Supports for blanking cover						8US1922-2EA00	1	4 units	143						
 8US1922-2EA00	Blanking covers						8US1922-2EB00	1	2 units	143					
 8US1922-2EB00															

ALPHA AS Distribution Boards

Assembly kits for unequipped distribution boards






Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
 <p>8GE3713-4</p>		8GE3713-4		1	1 unit	042
<p>8GE assembly kits for meter mounting</p> <ul style="list-style-type: none"> • For meter mounting (not standardized, 375 mm) • Assembly kits for individual and project-related assembly, not standardized, only for internal measurements, comprising: meter support plate with all-round partitions, screws and mounting accessories • Dimensions of assembly kits H x W (mm): 450 x 250 • Panel-size grid dimensions H x W (mm): 150 x 250 <p>Note</p> <ul style="list-style-type: none"> • For mounting the assembly kits in the unequipped distribution boards, 2 longitudinal stays are required per assembly kit. These must be ordered separately (see page 17.5/7). • For accessories, see page 17.5/20 onwards. 						






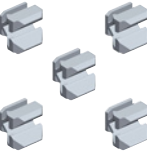
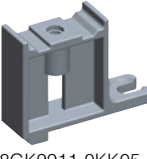

Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
For unequipped distribution boards						
 8GK9902-0KK13						
Additional bases						
<ul style="list-style-type: none"> • For ALPHA distribution boards • Depth 400 mm • Height 100 mm • Color: RAL 7035 						
External width in mm						
300		8GK9902-0KK13		1	1 unit	039
550		8GK9902-0KK23		1	1 unit	039
800		8GK9902-0KK33		1	1 unit	039
1050		8GK9902-0KK43		1	1 unit	039
1300		8GK9902-0KK53		1	1 unit	039
 8GK9918-0KK00		8GK9918-0KK00		1	1 unit	039
 8GK9912-0KK00		8GK9912-0KK00		1	1 unit	039
Cabinet mounting lugs, flat						
Versions						
<ul style="list-style-type: none"> • For mounting and fixing a distribution board directly against the wall without spacing (one set = four lugs including screws) • For connecting two distribution boards and for mounting and fixing the distribution boards directly against the wall without spacing, (8GK9910-0KK36 also required for the ends of a row of distribution boards, one set = two lugs including screws) 						
8GK9910-0KK36						
1 5 sets 039						
8GK9910-0KK37						
1 1 set 039						
 8GK9100-0KK01		8GK9100-0KK00		1	1 unit	039
Flanges						
For fast and correct wiring						
Versions						
<ul style="list-style-type: none"> • 1-component flanges (for IP43 distribution boards, installed on bottom panel) <ul style="list-style-type: none"> - For bottom cable entry, with 11 possible knockouts - Max. Ø 50.5 mm, material plastic • 2-component flanges (degree of protection: IP55) <ul style="list-style-type: none"> - For top/bottom cable entry - With 44 possible knockouts - Comprising 2 elastic components • Flange plate made of sheet steel (only safety class 1) <ul style="list-style-type: none"> - For metric screw connections, degree of protection: IP55 (2 units) • Connecting flanges 						
8GK9100-0KK01						
1 1 unit 039						
8GK9100-0KK03						
1 1 unit 039						
8GK9100-0KK10						
1 1 unit 039						
 8GK9100-0KK04		8GK9100-0KK04		1	1 unit	039
Flange plates						
<ul style="list-style-type: none"> • IP55 degree of protection • Safety class 1 						

ALPHA AS Distribution Boards

Accessories






Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Locking systems						
Versions						
 8GK9561-0KK01		8GK9561-0KK01		1	1 unit	039
<ul style="list-style-type: none"> Rotary handles - Can be recessed, with pushbutton technique 						
 8GK9561-0KK02		8GK9561-0KK02		1	1 unit	039
<ul style="list-style-type: none"> Lock insert - For installation of profile semicylinders 						
 8GK9561-0KK00		8GK9561-0KK00		1	1 unit	039
<ul style="list-style-type: none"> Profile semicylinders, 40 mm, with E012 lock and 2 keys - With insert for the rotary handle - Only to be used together with the lock insert (this must be ordered separately) 						
Accessories						
Spare key for E012 lock						
		8GF9390-2		1	1 unit	042
<ul style="list-style-type: none"> Profile semicylinder with Senat tumbler 						
		8GK9560-0KK03		1	1 unit	039
Cable clamping rails						
<ul style="list-style-type: none"> For strain relief C-profile 30 mm x 15 mm 						
Width in mm						
8GK9911-0KK10		8GK9911-0KK10		1	1 unit	039
		8GK9911-0KK20		1	1 unit	039
		8GK9911-0KK30		1	1 unit	039
		8GK9911-0KK40		1	1 unit	039
		8GK9911-0KK50		1	1 unit	039
Circuit diagram pockets						
Versions						
 8GK9910-0KK22		8GK9910-0KK22		1	1 unit	039
<ul style="list-style-type: none"> DIN A 3, made of sheet steel, depth 10 mm DIN A 4, transparent sleeve DIN A 4, made of plastic, depth 30 mm 						
		8GK9910-0KK23		1	20 units	039
		8GD9132		1	1 unit	042
Siemens nameplates						
 8GD9084		8GD9084		1	1 unit	042
Made of aluminum, self-adhesive, color: petrol						

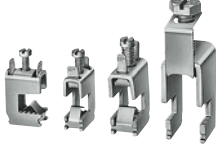

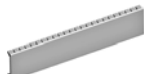
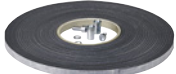
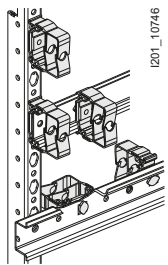





	Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
	Crossbeams						
	Width in mm						
8GK4853-0KK20	500		8GK4853-0KK20		1	2 units	039
	750		8GK4853-0KK30		1	2 units	039
	Partitions						
	Depth 400 mm						
8GK9521-8KK00	Versions						
	• Vertical, height 1800 mm		8GK9521-8KK00		1	1 unit	039
	• Horizontal, width 250 mm						
			8GK9520-0KK30		1	1 unit	039
8GK9520-0KK30	Screws						
	• Self-tapping • M5 x 10 • Large pack: 500 units						
8GK9911-0KK00	• Self-tapping • M5 x 10 • Large pack: 500 units						
			8GK9911-0KK00		1	500 units	039
	Extra-deep brackets						
	• Depth-adjustable • Large pack: 10 units						
8GK9911-0KK01	• Depth-adjustable • Large pack: 10 units						
			8GK9911-0KK01		1	10 units	039
	Drop-down brackets, universal						
	Large pack: 10 units						
8GK9911-0KK02	Large pack: 10 units						
			8GK9911-0KK02		1	10 units	039
	Support extensions						
	• 7.5 mm • Large pack: 100 units						
8GK9911-0KK03	• 7.5 mm • Large pack: 100 units						
			8GK9911-0KK03		1	100 units	039
	Iso supports						
	• For insulated standard mounting rail assembly • Large pack: 50 units						
8GK9911-0KK05	Versions						
	12 mm						
8GK9911-0KK05	31.5 mm		8GK9911-0KK04		1	50 units	039
	55.5 mm		8GK9911-0KK05		1	50 units	039
			8GK9911-0KK06		1	50 units	039
	Ventilation grilles						
8GK9120-0KK30			8GK9120-0KK30		1	4 units	038

* You can order this quantity or a multiple thereof.

ALPHA AS Distribution Boards

Accessories






Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
For assembly kits						
 8GK9650-0KK00		Busbar supports with matching support plate				
 8GK9711-0KK03		Busbar supports with matching support plate				
		Versions				
		<ul style="list-style-type: none"> 1-pole <ul style="list-style-type: none"> - For Cu busbars 12 × 5 (10) mm, 20 × 5 (10) mm, 30 × 5 (10) mm 	5SH3540	1	1 unit	031
		<ul style="list-style-type: none"> 3-pole <ul style="list-style-type: none"> - Busbar center-to-center spacing of 60 mm - For Cu busbars 12 × 5 (10) mm, 20 × 5 (10) mm, 30 × 5 (10) mm - For bus-mounting fuse bases and switch disconnectors, used together with assembly kits (mounting directly on the stays) 	8GK9711-0KK03	1	1 unit	039
		<ul style="list-style-type: none"> 4-pole <ul style="list-style-type: none"> - Busbar center-to-center spacing of 60 mm - For Cu busbars 12 × 5 (10) mm, 30 × 5 (10) mm, - Interior mounting - Width: 20 mm 	8US1923-4AA00	1	10 units	143
		<ul style="list-style-type: none"> 5-pole <ul style="list-style-type: none"> - Busbar center-to-center spacing of 40 mm - For Cu busbars 12 × 5 (10) mm and for mounting 3NP fuse switch disconnectors - Height 300 mm 	8GK9650-0KK00	1	1 unit	039
 8GK973.		Cu busbars				
		Versions				
		<ul style="list-style-type: none"> Cu cross-section of 12 × 5 mm, 250 A <ul style="list-style-type: none"> - Length 250 - Length 500 - Length 750 - Length 1000 - Length 1250 	8GK9731-0KK10 8GK9731-0KK20 8GK9731-0KK30	1 1 1	5 units 5 units 5 units	039 039 039
		<ul style="list-style-type: none"> Cu cross-section of 20 × 5 mm, 320 A <ul style="list-style-type: none"> - Length 250 - Length 500 - Length 750 - Length 1000 - Length 1250 	8GK9733-0KK10 8GK9733-0KK20 8GK9733-0KK30	1 1 1	5 units 5 units 5 units	039 039 039
		<ul style="list-style-type: none"> Cu cross-section of 30 × 5 mm, 450 A <ul style="list-style-type: none"> - Length 250 - Length 500 - Length 750 - Length 1000 - Length 1250 	8GK9735-0KK10 8GK9735-0KK20 8GK9735-0KK30	1 1 1	5 units 5 units 5 units	039 039 039
		<ul style="list-style-type: none"> Cu cross-section of 30 × 10 mm, 630 A <ul style="list-style-type: none"> - Length 250 - Length 500 - Length 750 - Length 1000 - Length 1250 	8GK9736-0KK10 8GK9736-0KK20 8GK9736-0KK30	1 1 1	5 units 5 units 5 units	039 039 039
		<ul style="list-style-type: none"> Cu cross-section of 30 × 10 mm, 630 A <ul style="list-style-type: none"> - Length 250 - Length 500 - Length 750 - Length 1000 - Length 1250 	8GK9736-0KK40 8GK9736-0KK50	1 1	5 units 5 units	039 039
 8GK9910-0KK30		Supports for front cover				
		<ul style="list-style-type: none"> Long version Material plastic 1 set = 4 supports 	8GK9910-0KK30	1	5 sets	039
 8GK9910-0KK11		N/PE bars as plug-in terminals				
		For mounting on longitudinal stays at a 30° inclination				
		Versions				
		<ul style="list-style-type: none"> Each with 6 screw terminals from 2.5 to 16 mm² and 21 plug-in terminals from 1.5 to 4 mm² 	8GK9910-0KK11	1	1 unit	039
		<ul style="list-style-type: none"> With 6 screw terminals from 2.5 to 16 mm² and 21 plug-in terminals from 1.5 to 4 mm², for PE bar and one neutral bar each with 2 screw terminals from 2.5 to 16 mm² and 10 plug-in terminals from 1.5 to 4 mm² 	8GK9910-0KK12	1	1 unit	039

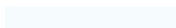





















Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS*/ P. unit	PG
Terminals for circular conductors						
Versions						
 8US1921-2AA00	▶	8US1921-2AA00		100	100 units	143
	▶	8US1921-2AB00		100	50 units	143
	▶	8US1921-2AD00		1	50 units	143
	▶	8US1921-2AC00		1	50 units	143
	▶	8US1921-2BA00		1	100 units	143
	▶	8US1921-2BB00		1	50 units	143
	▶	8US1921-2BD00		1	50 units	143
	▶	8US1921-2BC00		1	50 units	143
Replacement door hinges						
 8GK9920-0KK24		8GK9920-0KK24		1	1 set	038
Blanking strips						
Color RAL 7035 (light gray)						
Versions						
 8GK9910-0KK00		8GK9910-0KK00		1	10 units	039
		8GK9910-0KK01		1	1 unit	039
Connecting kits, IP43/IP55						
 8GK9920-0KK31		8GK9920-0KK31		1	1 unit	039
<ul style="list-style-type: none"> For side-by-side mounting of enclosures Comprising: <ul style="list-style-type: none"> Screws Washers Nuts 10 m roll of sealing strip 						
Note						
A bushing flange is required for electrical connections!						
Cable holders						
 8GK9910-0KK80		8GK9910-0KK80		1	200 units	039
For standard mounting rails						
Spare keys						
 8GD9 290		8GD9290		1	1 unit	042
For double-bit locking mechanism						
Extra-deep brackets						
 8GK9910-0KK34		8GK9910-0KK34		1	1 set	039
For recessed installation of stand. mounting rails						
Quick-lock screws						
 8GK9910-0KK26		8GK9910-0KK26		1	20 units	039
<ul style="list-style-type: none"> Material plastic Color RAL 7035 						
Assembly tools						
 8GK9910-0KK27		8GK9910-0KK27		1	1 unit	039
<ul style="list-style-type: none"> For supports Short and long version With ergonomic handle 						
Standard mounting rails, lowered						
Width						
 8GK9910-0KK35		250 mm	8GK9910-0KK35	1	1 unit	039
		500 mm	8GK9910-0KK40	1	1 set	039
		750 mm	8GK9910-0KK41	1	1 set	039

ALPHA AS Distribution Boards

Accessories – Ordering large quantities

Selection and ordering data

Version	DT	Article No. www.siemens.com/ product?Article No.	Price per PU	PU (UNIT, SET, M)	PS* P. unit	PG	
For front covers							
 8GK9601-4KK10	Front covers, closed						
	<ul style="list-style-type: none"> • Front covers in large order quantities (Big Pack) • Tier spacing: 150 						
	External dimensions in mm						
	Height	Width					
	75	250	8GK9601-0KK10		1	10 units	039
	150	250	8GK9601-1KK10		1	10 units	039
		500	8GK9601-1KK20		1	10 units	039
		750	8GK9601-1KK30		1	10 units	039
	300	250	8GK9601-2KK10		1	10 units	039
		500	8GK9601-2KK20		1	10 units	039
		750	8GK9601-2KK30		1	10 units	039
	450	250	8GK9601-3KK10		1	10 units	039
500		8GK9601-3KK20		1	10 units	039	
750		8GK9601-3KK30		1	10 units	039	
600	250	8GK9601-4KK10		1	10 units	039	
	500	8GK9601-4KK20		1	10 units	039	
	750	8GK9601-4KK30		1	10 units	039	
 8GK9601-4KK11	Front covers, with cutout						
	External dimensions in mm		Tiers/MW				
	Height	Width					
	150	250	1/12	8GK9601-1KK11	1	10 units	039
		500	1/24	8GK9601-1KK21	1	10 units	039
		750	1/36	8GK9601-1KK31	1	10 units	039
	300	250	2/24	8GK9601-2KK11	1	10 units	039
		500	2/48	8GK9601-2KK21	1	10 units	039
		750	2/72	8GK9601-2KK31	1	10 units	039
	450	250	3/36	8GK9601-3KK11	1	10 units	039
		500	3/72	8GK9601-3KK21	1	10 units	039
		750	3/108	8GK9601-3KK31	1	10 units	039
600	250	4/48	8GK9601-4KK11	1	10 units	039	
	500	4/96	8GK9601-4KK21	1	10 units	039	
	750	4/144	8GK9601-4KK31	1	10 units	039	
For assembly kits							
 8GK9910-0KK31	Supports for front cover						
	Material plastic						
Versions							
<ul style="list-style-type: none"> • Long version (for use when mounting a 15 mm standard mounting rail on standard mounting rail holders) • Short version (for use when mounting a 15 mm standard mounting rail directly on the stays) 		8GK9910-0KK31		1	100 units	039	
		8GK9910-0KK24		1	100 units	039	
 8GK9910-1KK10	Standard mounting rails 15 mm						
	Width in mm						
	250		8GK9910-1KK10		1	10 units	039
	500		8GK9910-1KK20		1	10 units	039
	750		8GK9910-1KK30		1	10 units	039
	1000		8GK9910-1KK40		1	10 units	039
	1250		8GK9910-1KK50		1	10 units	039
 8GK9910-1KK84	Standard mounting rail holders						
	<ul style="list-style-type: none"> • For standard mounting rail, 15 mm and supports • Long version • Comprising 1 left and 1 right holder • 1 set = 20 holders, 10 × left, 10 × right 						
	Versions						
	<ul style="list-style-type: none"> • For 1 standard mounting rail • For 2 standard mounting rails 		8GK9910-1KK81		1	1 set	039
			8GK9910-1KK83		1	1 set	039
<ul style="list-style-type: none"> • For 3 standard mounting rails • For 4 standard mounting rails 		8GK9910-1KK84		1	1 set	039	
		8GK9910-1KK85		1	1 set	039	

Special colors	Color designation	ALPHA AS	
		Option	Surcharge
	RAL 9016 smooth matt	C10	None
	RAL 7035 light gray smooth matt	C11	None
	RAL 7035 light gray semi-gloss textured	C12	✓
	RAL 7032 pebble gray semi-gloss textured	C13	✓
	RAL 7038 agate gray semi-gloss textured	C14	✓
	RAL 9010 pure white semi-gloss smooth	C15	✓
	SN 610 Siemens white semi-gloss textured	C16	✓
	SN 610 Siemens white silky gloss textured	C17	✓
	RAL 9002 gray white semi-gloss smooth	C18	✓
	RAL 9002 gray white matt coarse texture	C19	✓
	RAL 9003 signal white textured semi-gloss	C20	✓
	RAL 9001 cream semi-gloss smooth	C21	✓
	RAL 5017 traffic blue coarse texture silky gloss	C22	✓
	RAL 5005 signal blue semi-gloss smooth	C23	✓
	RAL 5010 gentian blue semi-gloss smooth	C24	✓
	RAL 2000 yellow orange semi-gloss smooth	C25	✓
	RAL 6018 yellow green semi-gloss smooth	C26	✓
	RAL 1003 signal yellow semi-gloss smooth	C27	✓
	RAL 7033 cement gray semi-gloss textured	C28	✓
	RAL 9002 gray white smooth silky gloss	C29	✓
	RAL 9010 pure white semi-gloss textured	C30	✓
	RAL 3000 flame red coarse texture silky gloss	C31	✓

ALPHA AS Distribution Boards

Notes